

**CITY OF SHOREVIEW
AGENDA
CITY COUNCIL WORKSHOP MEETING
OCTOBER 10, 2016
7:00 P.M.**

1. SHOREVIEW COMMONS MASTER PLAN UPDATE
2. COMMUNITY CENTER EXPANSION PROJECT
3. REVIEW THE UPDATED 2017-2026 CAPITAL IMPROVEMENT PROGRAM
4. OTHER ISSUES
5. ADJOURNMENT

Memorandum

To: Mayor and City Council Members

From: Tom Simonson, Assistant City Manager and Community Development Director

Date: October 7, 2016

Re: Shoreview Commons Master Plan – Updated Concept Rendering

Introduction

City staff and Stantec Consulting Services, the firm hired by the City to develop a new master plan for the Shoreview Commons civic campus and park, will be presenting on updated concept rendering to the City Council for review and discussion at the October 10th workshop meeting.

Background

The Shoreview Commons is both the geographic center and heart of the community. The City is seeking to enhance the existing facilities through development of a signature central park environment. The master plan will serve as a framework for creating a distinctive campus environment that includes new park features and amenities which reflect the values of the community and best serves residents and visitors of all ages. Strategies for future phasing and funding of improvements will also eventually be developed as the master plan develops.

The master plan will guide for prioritizing future facility improvements, recreational amenities, and civic features, and is being undertaken with these core objectives:

- ***Develop plans for future park improvements and other site amenities*** within the Shoreview Commons, including exploring the potential re-purposing of existing ball field areas to create new park elements and features that complement existing public facilities.
- ***Enhanced connectivity between public facilities*** on the campus that includes the Shoreview Community Center, Shoreview City Hall, Mounds View School District Administrative Services (future re-purposing of existing Library), new Ramsey County Regional Library (construction now underway), Haffeman Pavilion, and County Ice Arena (adjacent).
- ***Improved on-site pedestrian and bicycle linkages*** that provides safe access to the public services and recreational facilities within the Shoreview Commons.
- ***Maintain safe and efficient traffic flow and parking*** to support the facilities, events, and activities in the Shoreview Commons area.

Discussion

Stantec is working closely with both a City staff project team, with review and oversight by the City Council, and Parks and Recreation Commission, in developing the Shoreview Commons master plan. Based upon the comments received during the initial group meetings on three differently themed conceptual plans developed by Stantec, an updated concept rendering has been prepared that reflects the preferred amenities to include in an overall master plan. The layout of certain facilities and activities shown in the revised concept plan also takes into account the results of the geotechnical analysis of the soils in the Shoreview Commons.

Included for review is the final draft revised/updated concept rendering of a recommended master plan for the Shoreview Commons, showing the plan design with a legend listing the proposed amenities. Also provided is the proposed plan with the amenities noted in text overlaid on an existing aerial graphic of the Commons area to more easily identify features.

Stantec will provide more context to revised master plan at the workshop meeting, but some of the more significant modifications from previous plans include:

- Elimination of a refrigerated winter skating ribbon (in consideration of high cost and limited attraction)
- Addition of a destination playground as a featured anchor to the active park area including slides and swings built into the existing hillside
- Addition of a park building with bathrooms and concessions as a focal point to the active area near the destination playground, new plaza style skate park, and possible splash pad
- Creation of a large formal pond and foundation that can be used for winter skating as the key feature in the more formal area near a veteran's memorial area, gardens, and as a backdrop for a wedding venue on the backside of the existing Pavilion
- Possible future property acquisition along Highway 96 to support new amenities and/or building expansion (e.g. additional parking) and potential private redevelopment (as suggested in the Highway Corridors Transition Study)

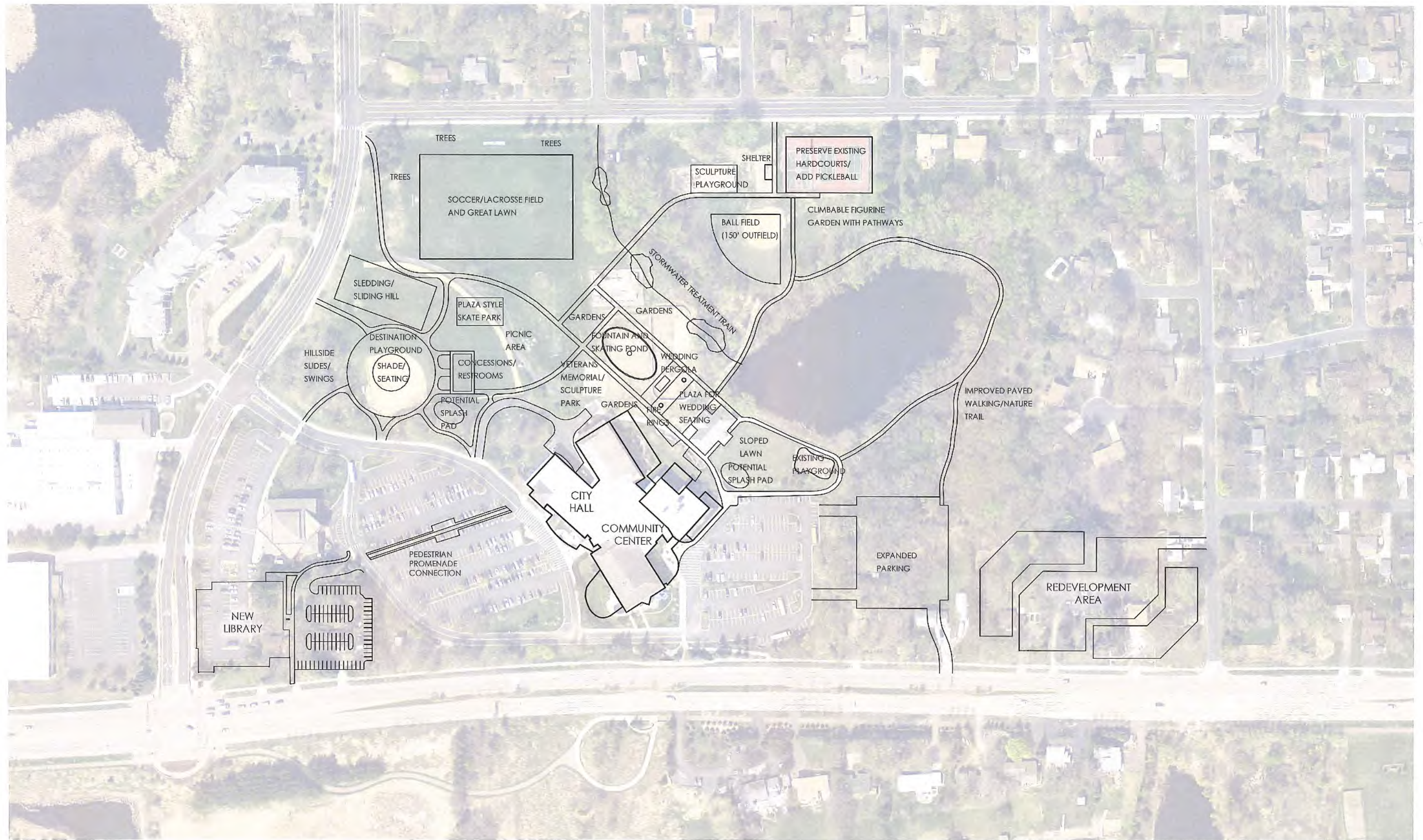
Staff is seeking feedback, comments and questions from the City Council and will be reviewing this final draft master plan with the Parks and Recreation Commission later this month. The goal is to finalize the plan in order to develop a capital improvements program for funding and phasing desired park improvements in coordination with proposed Community Center expansion.



LEGEND

- ① Hillside Slides/Swings
- ② Sledding/Sliding Hill
- ③ Destination Playground
- ④ Shade/Seating
- ⑤ Concessions/Restrooms
- ⑥ Plaza Style Skate Park
- ⑦ Soccer/Lacrosse Field and Great Lawn
- ⑧ Picnic Area
- ⑨ Veterans Memorial/ Sculpture Park
- ⑩ Gardens
- ⑪ Wedding Pergola
- ⑫ Fountain and Skating Pond
- ⑬ Fire Ring
- ⑭ Plaza for Wedding Seating
- ⑮ Potential Splash Pad w/ LED Lighting
- ⑯ Sloped Lawn
- ⑰ Existing Playground
- ⑱ Expanded Parking
- ⑲ Stormwater Treatment Train
- ⑳ Ball Field (150')
- ㉑ Sculpture Playground
- ㉒ Shelter
- ㉓ Climbable Figurine Garden with Pathways
- ㉔ Preserve Existing Hard-courts/Add Pickleball
- ㉕ Improved Paved Walking/Nature Trail
- ㉖ Pedestrian Promenade Connection





TO: MAYOR AND COUNCIL MEMBERS

FROM: TERRY SCHWERM, CITY MANAGER

DATE: OCTOBER 3, 2016

SUBJECT: REVIEW OF COMMUNITY CENTER EXPANSION PLANS

BACKGROUND

At its July workshop meeting, the City Council met with representatives from BWBR Architects to discuss the Community Center expansion project. This project is currently programmed in the Capital Improvement Program in 2017. At that meeting, BWBR reviewed the expansion concept plans that had been developed in a 2014 study and received input from the City Council on the priorities that should be included in the expansion plans. BWBR representatives also met with the Park and Recreation Commission, a consortium of community group members (Shoreview Historical Society, Sister City Association, Shoreview Northern Lights Variety Band, Shoreview Community Foundation), and Park and Recreation staff to review their priorities for a potential expansion of the Community Center. Attached are the minutes from these meetings.

Over the past two months, BWBR has been updating the previous concept plan based on the feedback that was received and has also provided a more detailed cost estimate for the project. BWBR representatives would now like to review the revised concept plan and cost estimates with the City Council. They also plan to review this information with the Park and Recreation Commission at their October meeting.

CONCEPT PLAN

The updated concept plan includes two distinct expansion areas. The plan anticipates a 15,000 square foot two level expansion off of the gymnasium area consistent with the previous concept plan. The proposed expansion shows a larger indoor playground area that would include a larger playground including a toddler area, plus an improved seating area and enclosed areas for parties. The playground would have a new access off of a hallway on the back side of the gym. The lower level expansion would also include a series of multi-purpose fitness rooms that would be used for group fitness as well youth fitness activities. The upper level expansion includes a series of fairly large multi-purpose meeting/activity rooms that access from a hallway off of an extended fireside lounge area. These rooms could be used for a variety of activities including Summer Discovery, expanded art and drama programming for youth and adults, as well as general meeting/birthday party locations. The upper level

expansion also includes additional restroom areas that could better serve the Shoreview Room and an outdoor deck area that wraps around the Shoreview Room. In addition, the second level includes a shared office/workroom and some limited storage space for community groups such as the Shoreview Historical Society, Northern Lights Variety Band, and Sister City Association. The estimated cost of this two story expansion, including an allowance for fees and furnishings is about \$5.5-\$6.0 million

The other expansion area, which is a new concept, provides a 5,000 square foot expansion of the indoor water park that would be located east of the existing pool in the area where the outdoor wading pool was located. This water park expansion would include a new zero depth splash pool with interactive play features. This expansion anticipates using a glass like material that would have retractable roof/walls and be available year round. The plan also calls for the remodeling of the existing pool and family locker room area to create additional family changing areas. It would be the first major expansion of the pool area since the original construction. The estimated cost of this expansion is \$4.0-\$5.0 million.

Attached are copies of the proposed expansion plans along with the cost estimates that were developed for the project.

SUMMARY

BWBR representatives and staff are seeking City Council feedback on the proposed expansion plans.



City of Shoreview

Community Center proposed additions and renovations

16-Sep-16

Summary of Estimated Project Costs shown in fall 2016 Dollars

Concept Design			
Description	Quantity	Unit Cost	Total Amount
A. Site Selection, Acquisition & Readiness			
Land Acquisition Costs			\$0
B. Building Construction Costs			
Proposed Addition & Remodel	40,700 SF	\$190 /SF	\$7,725,123
Contractor Fees		3.00%	\$290,631
Design Contingency		7.00%	\$540,759
Construction Contingency		7.00%	\$578,612
Subtotal Construction (2016 dollars)	40,700 SF	\$224 /SF	\$9,135,124
C. Design Fees & Owner Costs (2016 dollars)			
Basic Service Design Fees			\$775,000
LEED Design & Certification Fees			\$0
Survey & Soil Borings			\$25,000
Construction Inspection, Testing			\$25,000
Commissioning			\$25,000
Bid Set Printing			\$5,000
Misc. Owner Costs			\$25,000
Art		0.25%	\$22,800
Subtotal Fees & Costs			\$902,800
D. Project Contingency			
Project Contingency (A + B + C) x percent		3.00%	\$301,138
E. Occupancy (Not Including Startup Costs)			
Movable Equipment/Furnishings (FFE)			\$300,000
Audio ,Visual Equipment (meeting rooms & offices)			\$150,000
Telecommunications/Data			\$50,000
Subtotal Occupancy			\$500,000
Subtotal A + B + C+ D + E (2016 dollars)			\$10,839,062
F. Escalation			
Escalation			none
F. Alternates			
(Pending owner review of bid results)			



ESTIMATE SUMMARY

ESTIMATE DATE: September 15, 2016
PROJECT: Shoreview Community Center
ARCHITECT: BWBR
DRAWING DATE: September 1, 2016

DESCRIPTION	Notes	Base Estimate	\$/sf 40,700
Construction Costs			
Demolition		\$135,000	\$3.32
Concrete & Masonry		\$1,243,954	\$30.56
Metals		\$334,250	\$8.21
Wood & Plastics		\$25,200	\$0.62
Thermal & Moisture		\$243,902	\$5.99
Doors Frames Hardware		\$61,298	\$1.51
Glass & Glazing		\$191,195	\$4.70
Glazed Pool Enclosure		\$700,000	\$17.20
Finishes		\$706,580	\$17.36
Recreational Equipment		\$50,000	\$1.23
Aquatics		\$712,500	\$17.51
Pool Features		\$150,000	\$3.69
Fire Protection		\$123,500	\$3.03
Plumbing		\$366,900	\$9.01
HVAC		\$894,000	\$21.97
Electrical		\$600,500	\$14.75
Life Safety		\$41,300	\$1.01
Sitework		\$338,935	\$8.33
Survey		\$10,125	\$0.25
General Conditions		\$485,040	\$11.92
Temp Walls		\$50,000	\$1.23
Temp Fencing		\$25,000	\$0.61
Final Clean		\$10,175	\$0.25
General Liability Insurance		\$67,494	\$1.66
Builders Risk Insurance		\$17,324	\$0.43
Building Permit		\$64,465	\$1.58
Bond		\$76,486	\$1.88
Subtotal Construction Costs		\$7,725,123	\$189.81
Design Contingency		\$540,759	\$13.29
Construction Contingency		\$578,612	\$14.22
Contractor's Fee		\$290,631	\$7.14
Total Construction Estimate		\$9,135,124	\$224.45
Approximate Cost By Area			
Aquatics Addition		\$3,712,424	
Fitness Addition		\$4,728,701	
Locker Room Renovation		\$315,000	
Play Area Renovation		\$175,000	
Common Area Renovation		\$204,000	
Total Construction Estimate		\$9,135,124	

City of Shoreview
Community Center proposed additions and renovations
16-Sep-16
Summary of Estimated Project Costs shown in fall 2016 Dollars

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Telecommunications/Data			\$50,000
Subtotal Occupancy			\$500,000
Subtotal A + B + C+ D + E (2016 dollars)			\$10,839,062
F. Escalation			
Escalation			none
F. Alternates			
(Pending owner review of bid results)			



Meeting Minutes

DATE June 29, 2016

PROJECT Shoreview Community Center
Addition 2016

BWBR COMMISSION NO. 3.2016085.00

TO	Terry Schwerm, City of Shoreview Gary Chapman, City of Shoreview Michelle Majkozak, City of Shoreview Becky Sola, City of Shoreview Jessica Riley, City of Shoreview	Stephanie Schutta, City of Shoreview Amy Ferguson, City of Shoreview Steve Erickson, BWBR Jennifer Stukenberg, BWBR Mark Baumhover, BWBR
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Note: Names in **bold** indicate attendance.

FROM Jennifer Stukenberg 651.290.1920 jstukenberg@bwbr.com

SUBJECT 2016-06-29 Meeting Minutes: **Scope & Program Direction**

The following notes represent BWBR's understanding of this meeting. If you have any questions, comments or additions, please notify the author immediately in writing.

A meeting was held with Community Center staff to review the scope and program direction for the Community Center expansion and renovation.

NO.	ISSUE	ACTION BY
	New Business	
1.01	Meetings with City Council, Parks & Rec Board are scheduled in July to gain additional insight and feedback on the program and concept development. Future meetings with Community groups will be determined after the Council meeting.	
1.02	Project History	
	A. The expansion scope incorporates A1 scope, plus family locker rooms and expanded outdoor aquatics area.	
	B. Last time the expansion team met, the focus was on Master Planning scope and general adjacencies. This meeting was to review each space in greater detail. Objective is to:	
	1. Get a description of each space used.	
	2. Better understanding of needs/spaces.	
1.03	Kids Indoor Play area	
	A. Need more parent seating within view of structure.	
	B. Birthday parties with food (where should this be?). Create spaces with tables; two areas of 8-10 kids each.	
	1. Under track (currently wasted space).	
	2. Glass wall to look over structure.	
	3. One area with multi tables versus separate rooms.	
	C. Existing structure can be kept and added onto / repaired (Doug Farm, OnCall Services)	
	D. More toddler space	
	E. Open up	
	F. New entry (off new corridor)	
	G. "Fun stuff" is at the other end.	

NO.	ISSUE	ACTION BY
	H. Need 'Wow' factor.	
	I. Eliminate existing entrance so only one entrance (so parents can control where kids are).	
	J. Playground can hold (300 maximum occupants) <div>1. Usually up to 200 kids.</div>	
	K. Parent seating for 100? Stadium seating with seating cushion.	
	L. HVAC – needs to be adjusted. Cold in winter.	
	M. Cubbies for shoes.	
	N. Currently have storage area under structure.	
1.04	Multipurpose Rooms <div>A. (6) new rooms</div> <div>B. (2) are eliminated in expansion/remodel; (1) adjacent to kids play area and the fitness room accessed off of the Wave Café.</div>	
	Upper Level <div>A. (1) ? Community Group – use to be determined.</div> <div>B. (2) Adult and Youth<div><div>▪ With retractable wall between 2 of the rooms. Capacity 60 people.</div><div>▪ Sink for art activities</div><div>▪ Counter</div><div>▪ Similar to 202/203</div><div>▪ Smart board/monitor</div><div>▪ ARP class, use TV, up to 30-50 people<div><div>○ Driving videos</div><div>○ White board</div></div></div><div>▪ Adult enrichment maximum 20 people<div><div>○ Monitor</div></div></div><div>▪ Expand Art and Drama classes, 20-25</div><div>▪ Summer child care programs</div><div>▪ (2) Carpet versus hard surface (1)</div><div>▪ Storage for tables and chairs</div></div></div> <div>C. Drama<div><div>▪ Acting, stage production, costumes, music, etc.</div><div>▪ White Bear (Lakeshore Players) can use</div><div>▪ Children's Theater is renting rooms.</div><div>▪ Height of room questioned. Could make room higher since on upper level.</div><div>▪ Concern with noise traveling from below.</div></div></div>	
	Lower Level <div>A. Fitness Area<div><div>▪ (2) Studios next to each other with storage between.</div><div>▪ (1) Kids fitness spaces or cross-over.</div><div>▪ Concerned with noise from one room to another (yoga versus dance).</div><div>▪ Spin, yoga, dance, weight, cardio, tumbling, Tai Quan Do</div><div>▪ No hot yoga</div><div>▪ Bigger room in middle (tumbling)</div><div>▪ Shoreview to provide program descriptions</div><div>▪ Senior Fit (chairs)</div><div>▪ Spin – 25 bikes max, tiered?<div><div>○ Could run smaller classes, more often</div><div>○ (15) Bikes ideal, and then keep bikes out in the room</div></div></div><div>▪ Sound system in room</div><div>▪ Wireless mic</div></div></div>	

NO.	ISSUE	ACTION BY
	<ul style="list-style-type: none">▪ Projection (spin) to "ride" through scenery▪ Likely not a self-guided fitness▪ Rooms are locked when not in use▪ Classes as an experience: lighting, sound, set-up, projection, color changing lighting for cool down.▪ Dimmable lighting▪ Personal Training room<ul style="list-style-type: none">○ Space for small group training; (1) of each equipment (row, bike, etc.), low priority. <p>At least (1) unisex bathroom, maybe more, adjacent to Upper Level Multipurpose rooms.</p>	
1.05	Extended Upper Level Lounge <ul style="list-style-type: none">A. Senior programs – cards, knittingB. More seatingC. Weddings (get the lounge when rent the Shoreview room)D. Area for miscellaneous uses (Wi-Fi)E. Great place for cocktail hour, but concerns with alcohol controlF. Need to provide circulation, even when functions going on (particularly during the day)G. Could this be gallery space? Possible divider wall to help define space/circulation or mobile walls or kiosks.	
1.06	Office <ul style="list-style-type: none">A. Pool needs more office space. Needs to be by pool area (3).B. Custodial staff – in City Hall. (1) Large office for 7.C. (1) ManagerD. (1) Move Amy closer to Fitness → with customers<ul style="list-style-type: none">▪ Opens up (1) space upstairsE. Could explore opening up areaF. Rooms with glass	
1.07	Family Changing <ul style="list-style-type: none">A. Group changing room with individual dressing stalls.B. Rinse kids on deck or group shower area.C. ADA room(s) - toilet, shower, sinkD. Could take 2 existing family rooms as unisexE. 10-12 stalls; minimum of 8F. BenchesG. Table top infant changesH. Lockers. Could possibly use current lockers?I. Could possibly reduce space in men's and women's locker rooms?J. Coconut Grove – is underutilized	
1.08	Outdoor Aquatics <ul style="list-style-type: none">A. Will be working with an aquatic design-build company to develop options, including indoor/outdoor area.B. Larger toddler (1-5) area, zero depthC. Slides, dump buckets add to a "water park" feelD. Toilet room by toddler's areaE. Mechanical roomF. Need the extra space lockable, separate use for birthday (am) parties, early childhood while lessons going on.G. Doors to wading pool need to be widened so a lift can be brought in.	

NO.	ISSUE	ACTION BY
1.09	Next Steps <ul style="list-style-type: none">A. Will update programB. Next meeting is with Council on 7/11/2016; Parks Commission 7/28/2016C. Develop diagrams for review.D. Develop strategy for getting other feedback from groups.E. Shoreview to provide more information on potential multi-function room uses.	

JS/jn

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Attachments: 2016-06-24 Scope Boards_For Review.pdf



Meeting Minutes

DATE July 13, 2016

PROJECT Shoreview Community Center
Addition 2016

BWBR COMMISSION NO. 3.2016085.00

TO Terry Schwerm, City of Shoreview
Steve Erickson, BWBR

Jennifer Stukenberg, BWBR
Mark Baumhover, BWBR

PRESENT Terry Schwerm, City of Shoreview
Steve Erickson, BWBR
Mayor Sandy Martin
Councilmember Terry Quigley
Councilmember Cory Springhorn

Jennifer Stukenberg, BWBR
Mark Baumhover, BWBR
Councilmember Emy Johnson
Councilmember Ady Wickstrom

FROM Jennifer Stukenberg 651.290.1920 jstukenberg@bwbr.com

SUBJECT 2016-07-11 Meeting Minutes: **Scope Confirmation**

The following notes represent BWBR's understanding of this meeting. If you have any questions, comments or additions, please notify the author immediately in writing.

The City of Shoreview Council meeting was held to discuss the Community Center expansion scope. The discussion focused on the Community Center, not Common's improvements (Outdoor). Comments noted below.

NO.	ISSUE	ACTION BY
	New Business	
1.01	Budget Previous Scope <ul style="list-style-type: none">\$8 million capital improvement budget\$4.8 million estimate in 2013 (did not include outdoor pool)	
1.02	BWBR met with Staff and the scope discussion included: <ul style="list-style-type: none">Expanding / updating indoor playgroundExpanded family changingOutdoor water play areaMeeting space (multipurpose room)Community groups' wish list	
1.03	Staff identified needs (see attached meeting notes).	
1.04	The group expressed concern that not all community groups are represented in July 7, 2016 memo. City Council needs to evaluate needs and determine priorities.	
1.05	Comments (refer to plan): <ul style="list-style-type: none">Important to include outdoor play water park<ul style="list-style-type: none">Could be outside or enclosedCould it be indoor / outdoor hot tubWould be a fun outside activityLike a "wow" factor	

NO.	ISSUE	ACTION BY
	<ul style="list-style-type: none">o Referred to Maple Groveo Use all available space▪ Outdoor deck area outside of Shoreview Room▪ Flexible walls could be utilized for flexibility (possibly upper level)▪ Indoor playground needs more toddler space▪ Playground and pool appeal mostly kids ages 2 – 10▪ Should daycare be moved to allow for better connection within the building?<ul style="list-style-type: none">o A question rose regarding size of childcare space.▪ Family changing rooms are a big priority.▪ Like to add glass / open up lower level▪ Could community groups share space for files, storage. The issue is with who keeps the files? Council is more interested in providing class space.	
1.06	Community Group Engagement (see attached).	
1.07	Next Steps Meetings <ul style="list-style-type: none">▪ Will be meeting with Parks & Rec on July 28▪ BWBR to meet with representatives from various groups<ul style="list-style-type: none">o Separate meeting(s) to discuss priorities<ul style="list-style-type: none">▪ President of each Associationo Groups:<ul style="list-style-type: none">▪ Gallery 96▪ Shoreview Einhausen Sister▪ Historical Society▪ Northern Lights Variety	

JS/jn

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Attachments: 2016-06-29 Meeting Minutes.pdf
2016-06-24 Scope Boards_For Review.pdf



Meeting Minutes

DATE August 1, 2016

PROJECT Shoreview Community Center
Addition 2016

BWBR COMMISSION NO. 3.2016085.00

TO Terry Schwerm, City of Shoreview
Gary Chapman, City of Shoreview
Michelle Majkozak, City of Shoreview

Steve Erickson, BWBR
Jennifer Stukenberg, BWBR
Mark Baumhover, BWBR

PRESENT Jean Kiehnbaum
Linda Larson
Tom Lemke
Matt Cisneros
Cathy Healy

Charlie Oltman
Craig John
Jennifer Stukenberg, BWBR
Mark Baumhover, BWBR

FROM Jennifer Stukenberg 651.290.1920 jstukenberg@bwbr.com

SUBJECT 2016-07-28 Meeting Minutes: **Park & Recreation Commission Feedback**

The following notes represent BWBR's understanding of this meeting. If you have any questions, comments or additions, please notify the author immediately in writing.

A meeting was held to get feedback from the Park and Recreation Commission on the proposed Shoreview Community Center Expansion. Programming done to date was reviewed. Refer to attached. Comments from the meeting are noted below.

NO.	ISSUE	ACTION BY
	New Business	
1.01	Would like a second floor deck off fireplace lounge.	
1.02	Family Locker Room <ul style="list-style-type: none">How often will it be used?How big should it be?	
1.03	Fitness Center <ul style="list-style-type: none">Crowded at times. Some residents may not be using fitness center because it's so crowded.Hallway is used for stretching and unattended kids run around presenting a safety issue.Dedicated spin room would be nice. Moving of equipment is damaging on equipment and difficult. Dedicated spin room could be smaller and offer more class times to accommodate volumes.Peak times – is there any flex space that could be opened up at busy times for stretching?More rooms more instructors.Can we increase fitness members?<ul style="list-style-type: none">Maybe, maybe notWould like to open up between existing fitness and weight room.Are adult area improvements represented in this remodel/expansion?Like another studio multipurpose dance.	

NO.	ISSUE	ACTION BY
1.04	Playground – comfy parent area <ul style="list-style-type: none">Starbucks coffee	

JS/jn

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Meeting Minutes

DATE August 1, 2016

PROJECT Shoreview Community Center
Addition 2016

BWBR COMMISSION NO. 3.2016085.00

TO Terry Schwerm, City of Shoreview
Gary Chapman, City of Shoreview
Michelle Majkozak, City of Shoreview

Steve Erickson, BWBR
Jennifer Stukenberg, BWBR
Mark Baumhover, BWBR

PRESENT Terry Schwerm, City of Shoreview
Bill Kiehnbaum, SESCO
Roger Hintze, SESCO
Nancy Hite, Shoreview Community Foundation
Alex Kahler, SNLVB
Craig Mullenbach, Gallery 96 Art Center
Bob Minton, Historical Society

Jacci Krebsbach, SHS
Tom Lemke, SNLVB
Lu Slaten, SV Historical Society
John Vadnais, SV Historical Society
Jennifer Stukenberg, BWBR
Mark Baumhover, BWBR

FROM Jennifer Stukenberg 651.290.1920 jstukenberg@bwbr.com

SUBJECT 2016-07-28 Meeting Minutes: **Community Groups Summary**

The following notes represent BWBR's understanding of this meeting. If you have any questions, comments or additions, please notify the author immediately in writing.

A meeting was held to get feedback from community group on the proposed Shoreview Community Center Expansion. Programming done to date was reviewed. Refer to attached. Comments from the meeting are noted below.

NO.	ISSUE	ACTION BY
	New Business	
1.01	Gallery 96 <ul style="list-style-type: none">Retain, at minimum, current glass display cases.Would like movable adjustable display to hang more art. Some art will be hung at new library as well.Art needs appropriate display lighting.Storage needed for art class supplies.Gallery 96 monthly meetings can continue to be held in Community Center meeting rooms.	
1.02	Band <ul style="list-style-type: none">Currently the band practices in the community room, plus has (3) storage closets.Would like to move equipment storage out of players' garages and into a large storage space. Total equipment storage needs would fit into a 20x20 room. Prefer adjacent to practice space and loading area for ease of movement.Would like office space<ul style="list-style-type: none">(1) Prep room; (2) 8' table; (10) Legal vertical file (fire) needs to be here.Desk with computer and phone.Mail delivery to the Shoreview Community Center.88 Members total.	

NO.	ISSUE	ACTION BY
	<ul style="list-style-type: none">o Need meeting space.o Would like a large "Common area" work room for mailers, sorting.o Need lockable storage.o Printer/copy machine that can be shared among all groups.o Office areas could be shared among all groups.o Loading of equipment is currently done off upper level. Performances are done offsite.o Would like to have space for other bands, i.e. swing band.o Currently use half community room to sort music - 4x year.	
1.03	<div>Shoreview Community Foundation<ul style="list-style-type: none">▪ Need shared meeting space▪ No storage at this time</div>	
1.04	<div>Sister City<ul style="list-style-type: none">▪ Need storage – office files, history items (flags), oversized storage cabinet plus (2) file cabinets, access by multiple users▪ Utilize current shared meeting space▪ No office needs or light office user</div>	
1.05	<div>Historical Society<ul style="list-style-type: none">▪ Would like storage (mostly files and some other random items)▪ Need space<ul style="list-style-type: none">o Space for people to bring in photos & make copies, do oral histories, memoirso Office spaceo Meeting space (shared)▪ Display and 2D display<ul style="list-style-type: none">o Identity – all year long/sense of addresso Concern with theft (some items they have are on loan)▪ They are linked to all groups and the community because they are documenting its history▪ Have rented space (2) plus "basements"<ul style="list-style-type: none">o Island lake 10x10 filedo Files in basementso Largest stuff held elsewhere▪ Would like storage to be accessible Saturdays and Sundays, as well as weekdays▪ Doing more with digital images.▪ Focus on "Shoreview" history versus family history▪ Educational – display, classes</div>	

JS/jn

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← north
LOWER LEVEL

SHOREVIEW COMMUNITY CENTER - ADDITION AND REMODEL
BWBR # 2016 085 00
OCTOBER 2016



SHOREVIEW COMMUNITY CENTER - ADDITION AND REMODEL
BWBR # 2016 085 00
OCTOBER 2016

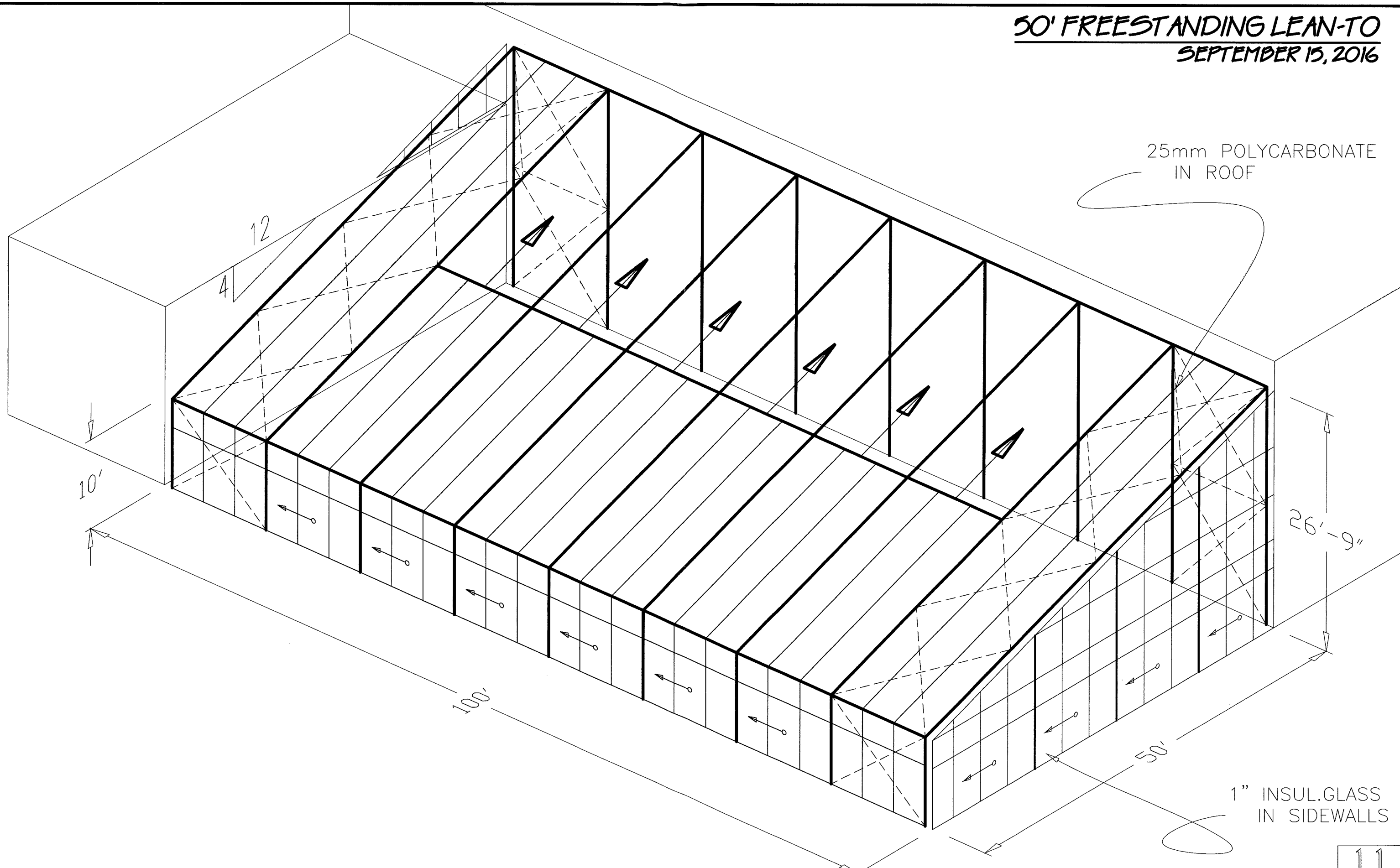




50' FREESTANDING LEAN-TO
SEPTEMBER 13, 2016

25mm POLYCARBONATE
IN ROOF

1" INSUL. GLASS
IN SIDEWALLS



TO: MAYOR AND COUNCILMEMBERS

**FROM: TERRY SCHWERM
CITY MANAGER**

DATE: OCTOBER 3, 2016

SUBJECT: REVIEW OF THE 2017-2021 CAPITAL IMPROVEMENT PROGRAM

INTRODUCTION

Enclosed is a copy of the updated 2017-2021 Capital Improvement Program (CIP). The CIP was included as part of the City's 2016-2017 Biennial operating budget, however, it is updated and reviewed annually by the City Council. The CIP reflects the City's current plan for capital spending over the next six years. This memo will highlight the major projects within each category of improvement and also discuss some of the key policy issues.

COLLECTOR STREETS

During 2017, the City is planning a major rehabilitation of the pavement on Victoria Street between County Road F and Lexington Avenue. This project was originally scheduled in 2016, but was delayed to 2017 due to the reconstruction of Lexington Avenue between Cummings Park Drive and Red Fox Road. Victoria Street is on the City's Municipal State Aid (MSA) system and the project is supported by revenue from the State gas tax. The other major City project supported by state gas tax revenue is the planned reconstruction of Owasso Boulevard North in 2020.

STREET IMPROVEMENTS

The railroad quiet zone work was completed in 2016 and the quiet zones have been in effect for a few months. The majority of the cost of the quiet zone work is funded through revenues from the State bonding bill that was passed during the 2014 legislative session. The 2017 street renewal program includes the remaining streets in the Windward Heights neighborhood including Dawn Avenue, Rustic Place and Colleen Avenue on the east side of Hodgson Road. The Edgetown Acres neighborhood (2020-2021) has been divided into two segments so the street renewal fund will be able to maintain the minimum fund balance as required by City Council policy.

PARK IMPROVEMENTS

There are a number of park projects identified in the Capital Improvement Program during the next six years. The largest project is the planned expansion of the Community Center and

Commons Park improvements that is programmed to begin in 2017. BWBR is updating and refining the Community Center expansion plan that was completed in 2014 and StanTec is currently developing an updated Shoreview Commons Master Plan. The CIP currently includes \$8 million for a project that could include elements from both of these plans. The project funding is currently anticipated from the Community Investment Fund and a planned bond issue.

Other major park projects include the following:

- 2017 – Commons Park – Skate Park Replacement (\$175,000)
- 2018 – McCullough Park renovation (\$700,000)
- 2020 – Shamrock Park renovation (\$750,000)

Other park projects are typically replacement of existing infrastructure including parking lots, playgrounds, scoreboards, fencing, and tennis and basketball court resurfacing.

TRAIL REHABILITATION AND EXTENSIONS

The CIP includes the continuation of our trail maintenance program that involves sealcoating several miles of trails each year. The program also includes the extension of a trail segment along Gramsie Road that was approved as a change order as part of the Gramsie Road resurfacing project and construction of a new trail segment in the Snail Lake open space to provide an alternate connection to Gramsie Road to avoid trails that have been flooded several times in the past few years due to high water levels.

MUNICIPAL BUILDINGS

The largest project included in this category is the planned expansion of the Community Center in 2017 that was discussed above.

Other major projects within the Community Center/City Hall include the following

- 2017 – Replacement of the Generator (\$250,000)
- 2017 – Replace Banquet Room chairs and tables (\$190,000)
- 2019 – Replace Three main boilers in mechanical room (\$180,000)

Most of the other Community Center building improvements are replacement of items including carpeting, running track surface, lockers, moveable walls, and the modular office furniture.

UTILITY SYSTEM IMPROVEMENTS

The largest utility project has been the construction of a water treatment plant that is nearly complete. The start up of the new treatment plant is scheduled for late October and the contractor is currently completing final work items and doing testing on the system. Other major utility system projects include:

- 2019 – sanitary sewer rehabilitation (\$950,000)
- 2021 – north water tower rehabilitation and recoating (\$700,000)

In addition to these major improvements, the City's street light utility fund continues to include an annual allocation for replacement of streetlights throughout the City.

MAJOR EQUIPMENT

Major equipment is funded both through the central garage account and the City's fixed asset revolving fund. The central garage account generally includes the cost for replacement vehicles and equipment that are used by the street, utility and park maintenance divisions. The City's share (approximately 60%) of fire apparatus and other equipment are funded through the General Fixed Asset Revolving Fund (GFAR). Upcoming major expenditures for the Lake Johanna Fire Department include the replacement of fire engines and other vehicles in 2017 (\$486,700), a rescue vehicle in 2019 (\$114,700), and a utility vehicle and chiefs' vehicle in 2020 (\$128,960).

The GFAR is also covering the majority of the cost of new finance software that was recently approved by the City Council (\$350,000).

SUMMARY

Staff plans to review the proposed 2017-2021 Capital Improvement Program with the City Council at the October workshop meeting. The CIP is designed to first maintain existing systems and City assets, and then reflects new items that are consistent with the City Council goals that have been identified.

Capital Improvement Program Summary

Introduction

The Administration and Finance departments are pleased to present the amended Capital Improvement Program (CIP) for the years 2017 through 2021 (including revised estimates for 2016). This CIP reflects the City's assessment of community needs and the ability to pay for major improvements, and is guided by the belief that reinvestment for replacement, maintenance or increased efficiency of existing systems shall have priority over expansion of existing systems or the provision of new services. All City departments have participated in the preparation of the CIP, including identifying major public improvements needed to serve existing development or to support future growth, projecting the timing of necessary replacements, establishing when replacements and improvements should be provided, and determining how to finance capital costs.

Capital spending decisions for the five-year CIP are generally made according to the following funding priorities, and reflect the City's efforts to allocate the City's limited resources to projects:

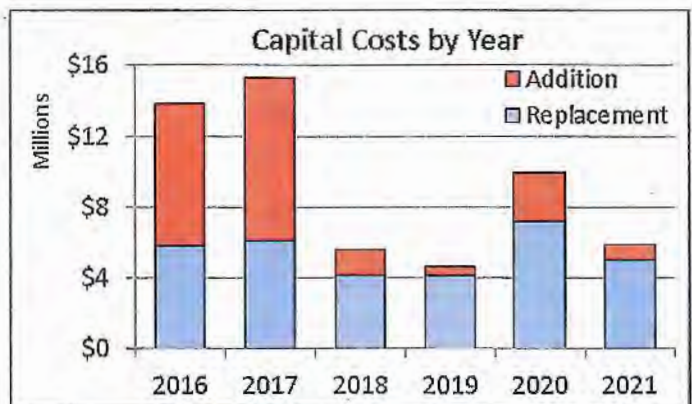
1. Contribute to the public health and welfare
2. Maintain an existing system
3. Improve efficiency of an existing system
4. Expand or add a system or service
5. Expand, renovate or add public facilities/parks

Although the CIP represents a tentative commitment to proceed with planned projects in the future, the commitment is more certain in early years and becomes increasingly more tenuous in subsequent years. Regardless, the CIP represents the City's present plan and priority for capital spending, and provides a framework for projected tax levies and utility rates.

Infrastructure Replacement Planning

Because Shoreview is more than 96 percent developed, replacement costs account for the majority of capital spending. Over the next five years, excluding the \$6.4 million in water treatment facility costs in 2016/2017 and \$8 million of Community Center expansion costs in 2017, approximately 80 percent of costs are for repair, rehabilitation or reconstruction projects.

The City's Comprehensive Infrastructure Replacement Plan (CHIRP) and Policy ensure that capital replacement planning is a routine part of the annual budget process by requiring a comprehensive and integrated examination of the impact of capital replacement costs on inter-fund charges, user fees (including utility rates) and tax levies. In addition, the policy directs that the City avoid assessing property owners more than once for any given facility because the City is viewed as being primarily responsible for the payment of replacement and rehabilitation costs. The maximum cost to be assessed is limited to the cost of added improvements plus a proportionate share of project engineering and administrative costs.



Debt Issuance

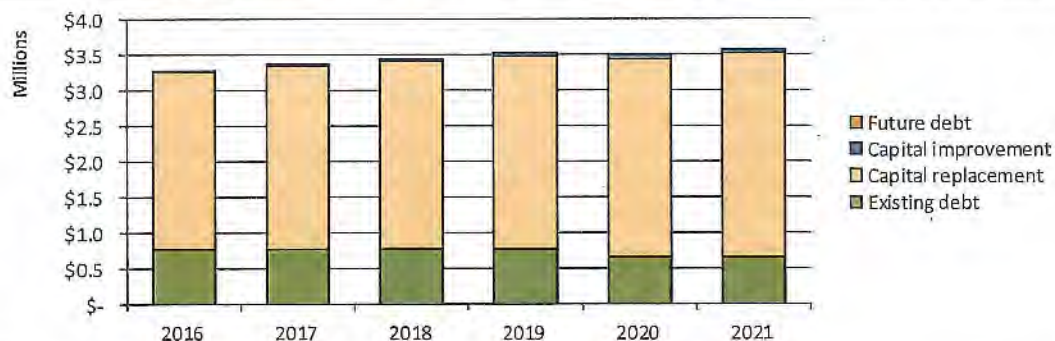
Proposed debt issuance over the next six years is \$21.9 million, in comparison to project costs of \$55.2 million (40 percent of project costs). If the water treatment plant and Community Center expansion debt are excluded from the totals (because of the cost and one-time nature of the projects), approximately 28 percent of costs are supported by debt issuance. This favorable indicator is possible due to long-term financial planning efforts, described on the previous page, which require the identification of resources and funding mechanisms well in advance of capital needs. It also should be noted that the majority of debt issuance is for utility systems, and therefore does not impact tax levies.

Description	2016	2017	2019	2021
GO Improvement Bonds (assmts)	\$ -	\$ 274,987	\$ 279,800	\$ 833,320
GO Improvement Bonds	-	4,000,000	-	-
GO Water Bonds	6,813,800	953,500	141,000	1,524,000
GO Sewer Bonds	54,500	250,000	1,590,000	1,519,000
GO Surface Water Bonds	373,813	505,000	767,000	1,001,280
Estimated Total Debt Issued	\$ 7,242,113	\$5,983,487	\$ 2,777,800	\$ 4,877,600
2015 debt issued for 2016 projects	970,000	-	-	-
Total debt proceeds	\$ 8,212,113	\$5,983,487	\$ 2,777,800	\$ 4,877,600

Capital and Debt Levies

Capital and debt levies necessary to support planned projects in this CIP are projected to have an average annual impact of .6 percent on the total tax levy. The City has maintained this low level through setting aside General Fund operating surpluses in recent years. These surpluses are being used to buy down the annual debt levy, in an effort to smooth out temporary fluctuations in the tax levy and ease the impact on property owners.

Description	2016	2017	2018	2019	2020	2021
Capital Repl-Street Renewal	\$ 1,000,000	\$ 1,060,000	\$ 1,124,000	\$ 1,191,000	\$ 1,262,000	\$ 1,338,000
Capital Repl-Gen Fixed Asset Repl.	1,475,000	1,495,000	1,505,000	1,515,000	1,525,000	1,535,000
Capital Acquisition (IT)	30,000	35,000	40,000	40,000	50,000	50,000
Existing Debt-Central Garage	184,000	184,000	184,000	184,000	184,000	184,000
Existing Debt-Debt funds	547,000	547,000	544,000	538,000	425,000	423,000
Existing Debt-General fund contrib	50,000	50,000	50,000	50,000	50,000	50,000
Total Capital and Debt Levies	\$3,286,000	\$3,371,000	\$3,447,000	\$3,518,000	\$3,496,000	\$3,580,000
Change in Debt Levy	\$ (21,000)	\$ -	\$ (3,000)	\$ (6,000)	\$ (113,000)	\$ (2,000)
Change in Capital Levy	\$ 102,417	\$ 85,000	\$ 79,000	\$ 77,000	\$ 91,000	\$ 86,000



Collector Streets

MSA streets are typically City streets with higher traffic volumes. The City may designate up to 20 percent of local streets as MSA routes, and the routes are subject to certain State design requirements. The CIP contains 4 projects that use MSA funding over the next five years.

- Rehabilitation of the Victoria Street segment (Lexington Avenue to County Road F) is planned for 2017
- Participation in Ramsey County's reconstruction of the Rice Street/I-694 Interchange is planned for 2018
- Rehabilitation of Highway 49 between Highway 96 and Gramsie Road is planned for 2020
- Reconstruction of Owasso Boulevard North is planned for 2020

Street Improvements

In 2006 the City Council changed the course of the City's street renewal program by utilizing street bonds for large-scale rehabilitation of City streets. This change enabled the City to simultaneously direct street renewal dollars toward reconstruction of substandard street segments (and reconstruct all substandard streets by 2021) while maintaining street condition ratings and preserving pavement condition through pavement strategies such as seal coating and full depth reclamation. The City sold \$2.4 million of street rehabilitation bond in 2013; the next street bond is planned for 2022. The following street reconstruction projects are planned over the next five years.

- Windward Heights Neighborhood (2016 and 2017) – Complete reconstruction of streets, storm drainage improvements, replacement of a cast iron water main and sanitary sewer repairs
- Bridge/Lion Neighborhood (2018) – Complete reconstruction of streets, installation of curb and gutter, storm water systems, and the installation of water main services to Dale Court N & S
- Wabasso Neighborhood (2019) – Complete reconstruction of streets, installation of curb and gutter, storm water systems, and street lights and repairs of water mains and sewer lines
- Dale Alley (2019) – Removal and replacement of pavement
- Edgetown Acres, Schutta/Lois/Hillview (2020 and 2021) – Complete reconstruction of streets, installation of curb and gutter, storm water systems, and street lights and repairs of water mains and sewer lines

Park Improvements

Park improvements include replacement costs, renovations and facility additions/expansions. Major projects planned over the next five years include:

Community Investment Fund supported:

- McCullough Park – park renovation in 2018 (\$700,000)
- Shamrock Park – park renovation in 2020 (\$750,000)

General Fixed Asset Replacement Fund supported:

- Bucher Park – fencing replacement in 2019 (\$44,000), parking lot replacement in 2017 (\$98,000)
- Commons Park – skate park replacement in 2017 (\$175,000), playground replacement in 2018 (\$90,000), court resurfacing in 2018 (\$40,000)
- City Hall/Community Center – sealcoat parking lot in 2018 (\$50,000)

- McCullough Park – playground replacement in 2017 (\$115,000)
- Ponds Park – playground replacement in 2018 (\$55,000)
- Rice Creek Fields – scoreboard replacement in 2017 (\$50,000), playground replacement in 2018 (\$65,000), replace fencing in 2021 (\$60,000)
- Shamrock Park – playground replacement in 2019 (\$130,000), pavement rehabilitation in 2017 (\$85,000)
- Sitzer Park – court resurfacing in 2019 (\$40,000)
- Theisen Park – resurface basketball court in 2017 (\$30,000), pavement rehabilitation in 2017 (\$110,000)
- Wilson Park – replace ballfield and tennis/basketball courts fencing in 2017 (\$35,000), court resurfacing in 2020 (\$40,000)

Trail Rehabilitation and Extension

The trail improvement program continues to use rehabilitation strategies that include replacing certain segments of trail, as well as resurfacing of trails with a slurry seal. This seal coat system has proven to be a very cost effective method to extend the life of the trail system. Additional trail segments include the extension of the Gramsie Road trail in 2016 (\$85,000) and the addition of a segment in the Snail Lake Open Space area in 2017 (\$80,000).

Municipal Buildings

Municipal buildings include repair/replacement items for the community center/city hall, and fire stations as well as facility additions/expansions. Major items include:

Community Investment Fund supported:

- Annual allowance of \$45,000 in 2017 and \$50,000 per year for 2018 thru 2021 for improvements to the Community Center facility
- Community Center expansion/Shoreview Commons improvements in 2017 (\$3,600,000)

General Fixed Asset Replacement Fund supported:

- Replace banquet room chairs and tables in 2017 (\$190,000)
- Replace wooden lockers in fitness locker rooms in 2018 (\$45,000)
- Replace Community Room carpet in 2018 (\$35,000)
- Repaint pool ceiling in 2019 (\$75,000)
- Refurbish modular office furniture (city hall) in 2019 (\$100,000)
- Replace moveable walls in the Community Room in 2020 (\$90,000)
- Replace lockers in pool locker room in 2021 (\$179,000)
- Remodel locker rooms in 2021 (\$33,600)

Utility Improvements

There are several planned improvements to the City's utility systems in the next five years. The most significant project is a water treatment plant in 2015-2017 at an estimated cost of \$12.1 million. The water treatment plant is necessary to address growing concerns about iron and manganese in the City's water supply. Other major utility system improvements include:

- North tower interior wet/dry rehabilitation and surface recoating in 2021 (\$700,000)

- Sanitary sewer rehabilitation (including pipe relining) in 2019 (\$950,000)
- Storm water reuse to irrigate Rice Creek Fields in 2017 (\$160,000)
- Annual sanitary sewer lift station repair allowance 2017-2019 (\$30,000), 2021 (\$75,000)
- Allowance for rehabilitation and replacement of various storm water collection systems throughout the City in 2020 (\$160,000)
- Street Light replacements over the next six years to address a growing number of street light outages occurring for lighting originally installed in the 1970s and early 1980s.

Major Equipment

Most of the equipment costs identified in this section of the CIP are for the replacement of existing equipment. Major items include:

- Fire engine and Chief's vehicle replacement in 2017 (\$486,700), Fire Marshal's vehicle in 2018 (\$38,440), rescue vehicle in 2019 (\$114,700), utility and Chief's vehicle in 2020 (\$128,960), Chief's vehicle in 2021 (\$62,000)
- Computer system replacements and improvements
- An allowance for mechanical equipment related to the Community Center and City Hall
- Central garage equipment

Ongoing Capital Project Fund Cash Flows

Funding for capital costs is provided by operating funds, ongoing capital funds and other sources. For operating funds, planned revenue sources in the operating budget are allocated to capital costs according to the Capital Improvement Plan as each project is approved by the City Council. Because ongoing capital project funds (which also provide funding for projects) do not appear in the operating budget, cash flow projections for these funds are provided on the next few pages.

MSA Fund

The summary of MSA Fund activity provided in the table below shows that projected MSA receipts will be sufficient to cover project costs through the year 2021.

MSA Fund	Estimated 2016	Projected 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
Capital Projections						
Revenue						
Intergovt (MSA allocation)	\$ 715,783	\$ 715,783	\$ 715,783	\$ 715,783	\$ 715,783	\$ 715,783
Investment interest	3,000	6,000	7,000	2,000	-	2,000
Total Revenues	\$ 718,783	\$ 721,783	\$ 722,783	\$ 717,783	\$ 715,783	\$ 717,783
Expense						
MSA Street Rehabilitation	819,000	800,000	-	-	-	-
Rice Street/I-694 Interchange	-	-	420,000	-	-	-
Highway 49/Hodgson (96-Gramsie)	-	-	-	-	218,000	-
Bridge, Lion Neighborhood	-	-	150,000	-	-	-
Owasso Blvd N Reconstruction	-	-	-	-	2,730,000	-
Total Expense	\$ 819,000	\$ 800,000	\$ 570,000	\$ -	\$ 2,948,000	\$ -
Net change	(100,217)	(78,217)	152,783	717,783	(2,232,217)	717,783
Fund equity, beginning	1,579,142	1,478,925	1,400,708	1,553,491	2,271,274	39,057
Fund equity, ending	\$ 1,478,925	\$ 1,400,708	\$ 1,553,491	\$ 2,271,274	\$ 39,057	\$ 756,840
Fund equity percent of avg expense	201.0%	190.4%	211.1%	308.7%	5.3%	102.9%
Months capital coverage (avg expense)	24.1	22.8	25.3	37.0	0.6	12.3
Fund equity - from 2016 CHIRP	734,381	1,456,164	1,608,947	2,108,730	94,513	812,296
Variance over (under) 2016 CHIRP	744,544	(55,456)	(55,456)	162,544	(55,456)	(55,456)

Street Renewal Fund

The summary of Street Renewal Fund activity provided in the table below shows planned increases in the tax levy are sufficient to support projects through 2021 while maintaining the minimum \$2 million fund balance. The 2021 Edgetown Acres project causes the Fund balance to fall within \$25,624 of the required minimum \$2 million fund balance, which will likely require the project to be spread out over three years.

Street Renewal Fund Capital Projections	Estimated 2016	Projected 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
Revenue						
Property taxes	\$ 1,000,000	\$ 1,060,000	\$ 1,124,000	\$ 1,191,000	\$ 1,262,000	\$ 1,338,000
Assessments	12,696	12,696	127,696	6,880	6,880	6,880
Investment interest	28,000	33,000	34,000	42,000	47,000	41,000
Total Revenues	\$ 1,040,696	\$ 1,105,696	\$ 1,285,696	\$ 1,239,880	\$ 1,315,880	\$ 1,385,880
Expense						
Street condition survey	8,000	8,500	8,500	9,000	9,000	9,500
Sealcoat and crack fill	325,400	336,700	339,700	346,000	352,500	359,100
Street rehabilitation current projects:						
Railroad crossing quiet zones	1,017	-	-	-	-	-
Grand Avenue reconstruction	257,000	-	-	-	-	-
Turtle Lane neighborhood	-	-	-	-	-	-
Windward Heights neighborhood	665,400	766,500	-	-	-	-
Bridge/Lion neighborhood	-	-	873,000	-	-	-
Wabasso neighborhood	-	-	-	472,200	-	-
Dale Alley	-	-	-	125,000	-	-
Edgetown Acres-Schutta/Lois/Hillview	-	-	-	-	1,337,800	1,457,600
Total Expense	\$ 1,256,817	\$ 1,111,700	\$ 1,221,200	\$ 952,200	\$ 1,699,300	\$ 1,826,200
Net change	(216,121)	(6,004)	64,496	287,680	(383,420)	(440,320)
Fund equity, beginning	2,719,313	2,503,192	2,497,188	2,561,684	2,849,364	2,465,944
Fund equity, ending	\$ 2,503,192	\$ 2,497,188	\$ 2,561,684	\$ 2,849,364	\$ 2,465,944	\$ 2,025,624
Years of capital coverage (avg expense)	1.9	1.9	2.0	2.2	1.9	1.5
Tax levy percent change	5.8%	6.0%	6.0%	6.0%	6.0%	6.0%
Average annual percent change (taxes) 2016 --		5.9%	5.9%	6.0%	6.0%	6.0%

Community Investment Fund

The summary of Community Investment Fund activity provided below shows projected revenue is sufficient to support planned building, park and trail projects providing community wide benefit. The G.O. debt service transfer beginning in 2018 provides funding for debt payments associated with the proposed \$4,000,000 Community Center expansion/Shoreview Commons improvement bond issue.

Community Investment Fund	Estimated	Projected	Projected	Projected	Projected	Projected
Capital Projections	2016	2017	2018	2019	2020	2021
Revenue						
Franchise fees	\$ 790,000	\$ 790,000	\$ 790,000	\$ 790,000	\$ 790,000	\$ 790,000
PCS Antenna rentals	399,900	434,880	453,675	473,300	493,800	515,220
Billboard fees	53,360	54,960	56,600	58,310	60,060	61,860
Investment interest	35,000	30,000	16,000	22,000	31,000	40,000
Total Revenues	\$ 1,278,260	\$ 1,309,840	\$ 1,316,275	\$ 1,343,610	\$ 1,374,860	\$ 1,407,080
Expense						
Community Center improvements	15,035	45,000	50,000	50,000	50,000	50,000
Community Center addition	-	3,600,000	-	-	-	-
Park facilities improvements	-	-	700,000	-	750,000	-
Trails and pathways	206,000	80,000	-	-	94,000	-
Total Expense	\$ 221,035	\$ 3,725,000	\$ 750,000	\$ 50,000	\$ 894,000	\$ 50,000
Other Sources (Uses)						
Transfer out/G.O. debt service	-	-	(355,000)	(355,000)	(350,000)	(350,000)
Transfers out/debt service (COP's)	(175,000)	(175,000)	(175,000)	(180,000)	(180,000)	(180,000)
Total Other Sources (Uses)	\$ (175,000)	\$ (175,000)	\$ (530,000)	\$ (535,000)	\$ (530,000)	\$ (530,000)
Net change	882,225	(2,590,160)	36,275	758,610	(49,140)	827,080
Fund equity, beginning	2,543,558	3,425,783	835,623	871,898	1,630,508	1,581,368
Fund equity, ending	\$ 3,425,783	\$ 835,623	\$ 871,898	\$ 1,630,508	\$ 1,581,368	\$ 2,408,448
Months of capital coverage (avg exp)	49.7	12.1	12.7	23.7	22.9	35.0
Minimum fund balance	\$ 537,856	\$ 729,832	\$ 924,873	\$ 1,189,195	\$ 1,457,967	\$ 1,731,383
Fund balance in excess of minimum	\$ 2,887,927	\$ 105,791	\$ (52,975)	\$ 441,313	\$ 123,401	\$ 677,065
Debt service over (under) policy limit	\$ (368,932)	\$ (377,617)	\$ 1,356	\$ (2,544)	\$ (16,832)	Unavailable

The adopted Community Investment Policy outlines a formula to accumulate a minimum fund balance equal to \$3 million. During the years 2014 through 2018 the policy dedicates 15% of revenue from franchise fees (electric and gas), wireless telecommunication antenna lease receipts and outdoor billboard lease receipts to the accumulation of minimum fund balance. Beginning in 2019, and until the \$3 million minimum fund balance is reached, 20% of these revenues will be dedicated to the accumulation of minimum fund balance. The first two lines of the table above, highlighted in blue, show the growth in minimum fund balance, and available fund balances over the next 6 years.

The Community Investment Policy limits the amount of resources that can be used for the repayment of debt issued to acquire qualifying capital assets to 50% of ensuing years' available revenue, defined as, revenue derived from franchise fees (electric and gas), wireless telecommunication antenna lease receipts and outdoor billboard lease receipts, less the amount allocated to the accumulation of minimum fund balance. The third line in the table above, highlighted in blue, shows the amount of debt service exceeding or below the policy limit. The debt service issued on the proposed Community Center expansion results in a violation of the policy in the year 2018.

Information Technology Fund

The summary of Capital Acquisition Fund activity shown below, for the planned replacement and/or improvement of computer systems, shows that the small tax levy and contributions from other funds is sufficient to cover projected costs. The small tax levy is intended to assist in funding new capital asset purchases that cannot be funded by replacement funds.

Information Technology Fund	Estimated	Projected	Projected	Projected	Projected	Projected	Projected
Capital Projections	2015	2016	2017	2018	2019	2020	2021
Revenue							
Property taxes	\$ 24,855	\$ 30,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 50,000
Investment interest	-	400	400	1,100	1,600	1,600	1,600
Total Revenues	\$ 24,855	\$ 30,400	\$ 35,400	\$ 41,100	\$ 41,600	\$ 51,600	\$ 51,600
Expense							
Computer equipment/software	206,873	304,976	443,330	211,900	192,800	182,200	215,800
Total Expense	\$ 206,873	\$ 304,976	\$ 443,330	\$ 211,900	\$ 192,800	\$ 182,200	\$ 215,800
Other Sources (Uses)							
Transfers in/Gen Fixed Asset Fund	178,239	281,302	345,204	205,000	186,000	161,000	132,000
Transfers in/Water Fund	249	6,137	20,163	-	400	-	-
Transfers in/Sewer Fund	249	6,137	20,163	-	400	400	400
Transfers in/Central Garage Fund	-	1,000	14,000	-	-	-	-
Total Other Sources (Uses)	\$ 178,737	\$ 294,576	\$ 399,530	\$ 205,000	\$ 186,800	\$ 161,400	\$ 132,400
Net change	(3,281)	20,000	(8,400)	34,200	35,600	30,800	(31,800)
Fund equity, beginning	36,096	32,815	52,815	44,415	78,615	114,215	145,015
Fund equity, ending	\$ 32,815	\$ 52,815	\$ 44,415	\$ 78,615	\$ 114,215	\$ 145,015	\$ 113,215
Months of capital coverage (avg exp)	1.6	2.5	2.1	3.8	5.5	6.9	5.4

General Fixed Asset Replacement Fund

The brief summary of General Fixed Asset Replacement Fund activity provided below indicates that fund balance drops in 2017. Major costs in 2017 include replacement of the City's financial software (\$255,204), replacement of the City Hall/Community Center back-up generator (\$250,000), skate park replacement (\$175,000), banquet room chair and table replacements (\$190,000), fire department vehicle replacements (\$486,700) and Shamrock, Theisen and Bucher Parks parking lot improvements (\$293,000). Other major costs include fire department vehicles in 2019 and 2020 (\$114,700/\$128,960), Community Center boiler replacement in 2019 (\$180,000) and locker room improvements in 2021 (\$212,600).

General Fixed Asset Fund Capital Projections	Projected 2016	Projected 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
Revenue						
Property taxes	\$ 1,475,000	\$ 1,495,000	\$ 1,505,000	\$ 1,515,000	\$ 1,525,000	\$ 1,535,000
Investment interest	10,000	7,000	7,000	14,000	25,000	32,000
Other	75,000	-	-	-	-	-
Total Revenues	\$ 1,560,000	\$ 1,502,000	\$ 1,512,000	\$ 1,529,000	\$ 1,550,000	\$ 1,567,000
Expense						
Fire stations & equipment	114,917	559,178	124,992	141,050	128,960	62,000
Warning sirens	20,990	32,000	-	33,000	-	22,000
Municipal buildings	598,949	723,000	286,000	425,000	230,000	438,600
Park facilities	180,000	746,000	328,000	233,200	86,000	65,800
Trails	75,000	140,000	80,000	80,000	80,000	80,000
Total Expense	\$ 989,856	\$ 2,200,178	\$ 818,992	\$ 912,250	\$ 524,960	\$ 668,400
Other Sources (Uses)						
Sale of capital assets	-	-	-	-	-	-
Transfers out/Capital Imprv (IT) fund	(281,302)	(345,204)	(205,000)	(186,000)	(161,000)	(132,000)
Transfers out/debt funds	(180,000)	(180,000)	(180,000)	(180,000)	(180,000)	(180,000)
Total Other Sources (Uses)	\$ (461,302)	\$ (525,204)	\$ (385,000)	\$ (366,000)	\$ (341,000)	\$ (312,000)
Net change	108,842	(1,223,382)	308,008	250,750	684,040	586,600
Fund equity, beginning	1,125,088	1,233,930	10,548	318,556	569,306	1,253,346
Fund equity, ending	\$ 1,233,930	\$ 10,548	\$ 318,556	\$ 569,306	\$ 1,253,346	\$ 1,839,946
Months of average capital coverage	10.6	0.1	2.7	4.9	10.8	15.9
Tax levy percent change	3.9%	1.4%	0.7%	0.7%	0.7%	0.7%
Average annual percent change (taxes)	5.7%	4.3%	3.4%	2.8%	2.5%	2.2%

Summary

This document is intended to be used in conjunction with the 2016-2017 Biennial Budget, in that it describes amendments to the 2017 Budget, and conveys the City's amended Capital Improvement Plan for the years 2017-2021. The remainder of this document provides information about the specific capital projects, including resources and capital costs. We sincerely hope that regular users and other interested parties will find these documents to be an interesting and useful resource for the evaluation of City programs and services.

We express our appreciation to all City staff for their contributions to the budget, and to the City Council for the guidance and direction provided during the budget process. It is an honor to service the citizens of Shoreview.

Respectfully submitted,

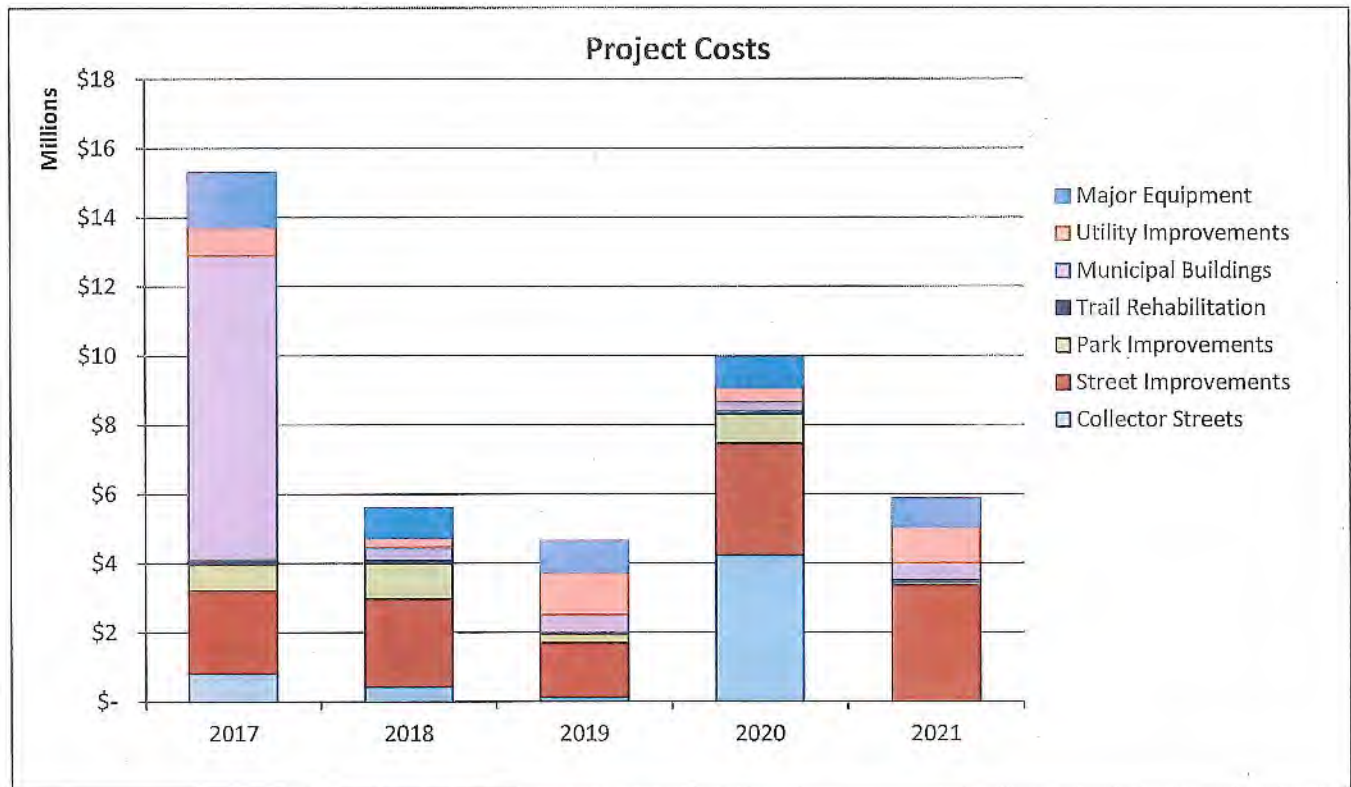
Terry Schwerm, City Manager

Fred Espe, Finance Director

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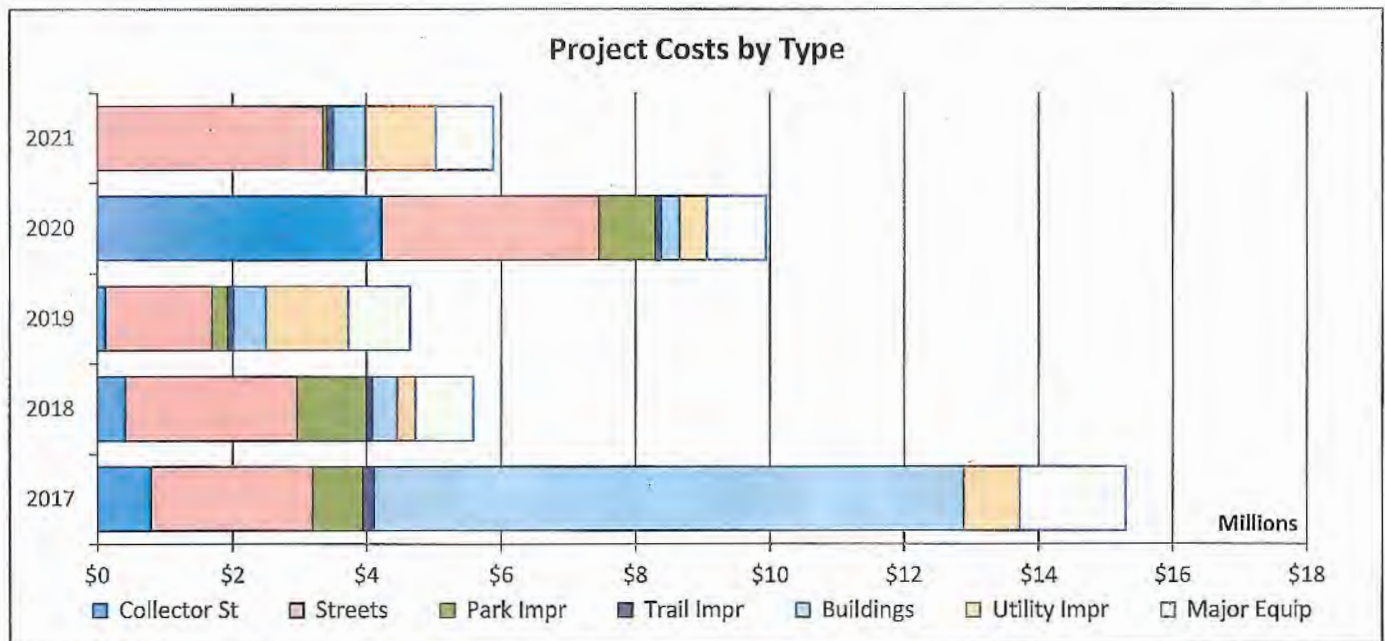
Capital Improvement Program

Description	Year 2016	Year 2017	Year 2018	Year 2019	Year 2020	Year 2021
Resources						
Debt Issuance	\$ 8,462,600	\$ 5,733,000	\$ 1,120,000	\$ 1,657,800	\$ 2,720,200	\$ 2,157,400
Intergovernmental	1,609,500	800,000	570,000	-	2,948,000	-
Internal Funds	3,810,629	8,762,208	3,895,312	2,983,480	4,274,870	3,721,140
Total Resources	\$ 13,882,729	\$ 15,295,208	\$ 5,585,312	\$ 4,641,280	\$ 9,943,070	\$ 5,878,540
Project Costs						
Collector Streets	\$ 950,000	\$ 800,000	\$ 420,000	\$ 125,000	\$ 4,227,000	\$ -
Street Improvements	2,826,917	2,399,700	2,548,200	1,568,000	3,231,500	3,358,600
Park Improvements	180,000	746,000	1,028,000	233,200	836,000	65,800
Trail Rehabilitation	160,000	160,000	80,000	80,000	80,000	80,000
Municipal Buildings	749,944	8,785,670	376,300	498,560	280,000	488,600
Utility Improvements	8,052,000	825,000	271,220	1,227,230	413,410	1,034,740
Major Equipment	963,868	1,578,838	861,592	909,290	875,160	850,800
Total Project Costs	\$ 13,882,729	\$ 15,295,208	\$ 5,585,312	\$ 4,641,280	\$ 9,943,070	\$ 5,878,540



Project Resources

Description	Year 2016	Year 2017	Year 2018	Year 2019	Year 2020	Year 2021
Debt						
General Obligation Bonds	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -
Improvement Bonds (assmts)	146,987	128,000	190,000	89,800	523,240	310,080
Water Revenue Bonds	6,917,300	850,000	66,000	75,000	724,000	800,000
Sewer Revenue Bonds	854,500	250,000	410,000	1,180,000	894,000	625,000
Surface Water Revenue Bonds	543,813	505,000	454,000	313,000	578,960	422,320
Total Debt	8,462,600	5,733,000	1,120,000	1,657,800	2,720,200	2,157,400
Intergovernmental						
State of MN - MNDOT	790,500	-	-	-	-	-
MSA	819,000	800,000	570,000	-	2,948,000	-
Total Intergovernmental	1,609,500	800,000	570,000	-	2,948,000	-
Internal Funds						
Community Center Fund	-	200,000	-	-	-	-
Recreation Programs Fund	-	200,000	-	-	-	-
Cable Television Fund	100,000	-	-	-	-	-
Street Renewal Fund	1,256,817	1,111,700	1,221,200	952,200	1,699,300	1,826,200
Street Renewal (assmts)	115,000	-	-	-	-	-
General Fixed Asset Fund	1,271,158	2,545,382	1,023,992	1,098,250	685,960	800,400
Capital Acquisition Fund (IT)	10,400	43,800	6,900	6,000	20,800	83,400
Community Investment Fund	221,035	3,725,000	750,000	50,000	894,000	50,000
Water Fund	6,137	20,163	-	400	-	-
Sewer Fund	6,137	20,163	-	400	400	400
Street Lighting Fund	264,000	320,000	328,220	310,230	410,410	409,740
Central Garage Fund	559,945	576,000	565,000	566,000	564,000	551,000
Total Internal Funds	3,810,629	8,762,208	3,895,312	2,983,480	4,274,870	3,721,140
Total Resources	\$ 13,882,729	\$ 15,295,208	\$ 5,585,312	\$ 4,641,280	\$ 9,943,070	\$ 5,878,540



Project Costs

Description	Year 2016	Year 2017	Year 2018	Year 2019	Year 2020	Year 2021
Collector Streets						
Street Rehabilitation	\$ 900,000	\$ 800,000	\$ -	\$ 125,000	\$ -	\$ -
Lexington Ave Reconstruction	50,000	-	-	-	-	-
Rice Street/I-694 Interchange	-	-	420,000	-	-	-
Highway 49/Hodgson (H96-Gramsie)	-	-	-	-	497,000	-
Owasso Boulevard N Reconstruction	-	-	-	-	3,730,000	-
Total Collector Streets	950,000	800,000	420,000	125,000	4,227,000	-
Street Improvements						
Sealcoat Streets	333,400	345,200	348,200	355,000	361,500	368,600
Railroad Crossing Quiet Zones	441,517	-	-	-	-	-
Grand Avenue Reconstruction	624,000	-	-	-	-	-
Windward Heights Neighborhood	1,428,000	2,054,500	-	-	-	-
Bridge, Lion Neighborhood	-	-	2,200,000	-	-	-
Wabasso Neighborhood	-	-	-	1,213,000	-	-
Edgetown Acres-Schutta/Lois/Hillview	-	-	-	-	2,870,000	2,990,000
Total Street Improvements	2,826,917	2,399,700	2,548,200	1,568,000	3,231,500	3,358,600
Park Improvements						
Park Facility Replacements	180,000	423,000	238,000	174,000	28,000	60,000
Park Facility Improvements	-	-	700,000	-	750,000	-
Parking & Driveways	-	293,000	50,000	4,200	5,000	5,800
Tennis & Basketball Court Pavement	-	30,000	40,000	40,000	40,000	-
Park Building Rehabilitation	-	-	-	15,000	13,000	-
Total Park Improvements	180,000	746,000	1,028,000	233,200	836,000	65,800
Trail Rehabilitation and Extensions	160,000	160,000	80,000	80,000	80,000	80,000
Municipal Buildings						
Fire Stations	35,960	17,670	40,300	23,560	-	-
General Government Buildings	142,168	-	-	-	-	-
Community Center Rehabilitation	468,997	383,000	52,000	180,000	90,000	95,000
Banquet Facility	7,345	190,000	55,000	20,000	90,000	20,000
Pool & Locker Room Areas	50,439	62,000	129,000	95,000	20,000	253,600
Furniture & Equipment	30,000	88,000	50,000	130,000	30,000	70,000
Community Center Improvements	15,035	45,000	50,000	50,000	50,000	50,000
Community Center Expansion	-	8,000,000	-	-	-	-
Total Municipal Buildings	749,944	8,785,670	376,300	498,560	280,000	488,600
Utility Improvements						
Water Systems	1,025,000	-	-	-	-	700,000
Water Treatment Plant	5,957,000	400,000	-	-	-	-
Sanitary Sewer Rehabilitation	150,000	-	-	950,000	-	-
Sewer Lift Stations	650,000	30,000	30,000	30,000	-	75,000
Pretreatment Structures	120,000	160,000	-	-	160,000	-
Residential Street Lights	150,000	235,000	241,220	247,230	253,410	259,740
Total Utility Improvements	8,052,000	825,000	271,220	1,227,230	413,410	1,034,740
Major Equipment						
Fire Equipment	78,957	541,508	84,692	117,490	128,960	62,000
Warning Sirens	20,990	32,000	-	33,000	-	22,000
Computer Systems	304,976	443,330	211,900	192,800	182,200	215,800
Central Garage Equipment	558,945	562,000	565,000	566,000	564,000	551,000
Total Major Equipment	963,868	1,578,838	861,592	909,290	875,160	850,800
Total Capital Projects	\$ 13,882,729	\$ 15,295,208	\$ 5,585,312	\$ 4,641,280	\$ 9,943,070	\$ 5,878,540

Street Rehabilitation

PWA 4

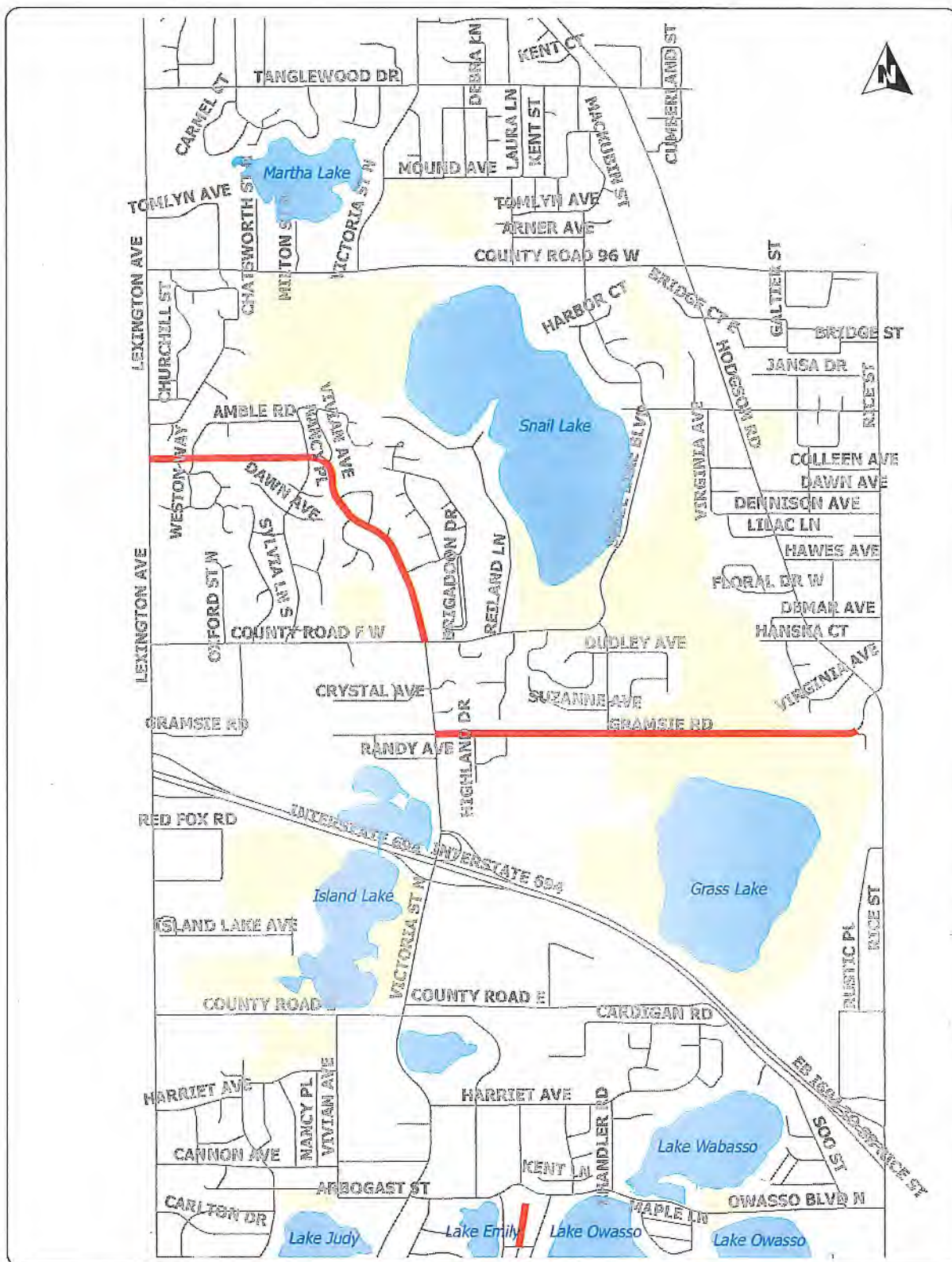
Rehabilitation of street segments throughout the City:

- 2016 includes rehabilitation of the Gramsie (Victoria Street to Gramsie Court) Municipal Aid Street segment. Includes a \$150,000 change order to raise a portion of Gramsie Road due to flooding issues, as well as constructing a new trail segment.
- 2017 includes rehabilitation of the Victoria Street (Lexington Avenue to County Road F) Municipal Aid Street segment.
- 2019 includes the removal and replacement of pavement on Dale Alley.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
MSA	\$ 819,000	\$ 800,000				
Street Renewal Fund				\$ 125,000		
Community Investment	81,000					
Total Sources of Funds	\$ 900,000	\$ 800,000	\$ -	\$ 125,000	\$ -	\$ -
Uses						
Street	\$ 819,000	\$ 800,000		\$ 125,000		
Trail	81,000					
Total Uses of Funds	\$ 900,000	\$ 800,000	\$ -	\$ 125,000	\$ -	\$ -

Projects will be modeled after Shoreview's 2013 Street Rehabilitation initiative, and address resurfacing needs at various locations throughout the City.

The existing Dale Alley pavement has many low areas and cracks and will continue to deteriorate. It is necessary to remove and replace the pavement.



Street Rehabilitation

PWA 00004

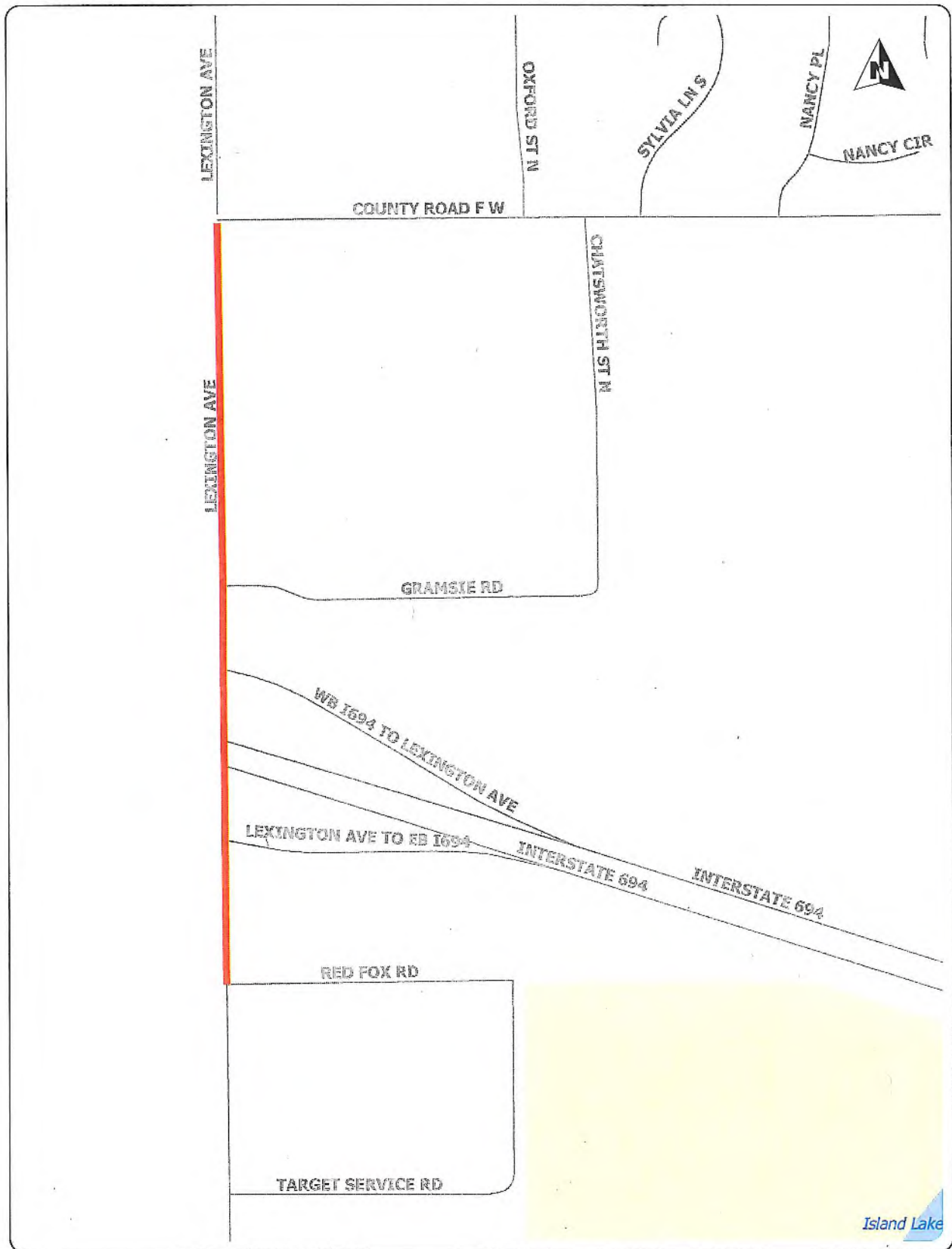
Lexington Avenue Reconstruction

PWA 10

City participation in Ramsey County's reconstruction of Lexington Avenue from County Road F to Red Fox Road. The proposed project would consist of improvements to Lexington Avenue and associated intersections to address traffic congestion issues. The project would also include drainage improvements.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Surface Water Revenue	\$ 50,000					
Total Sources of Funds	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
Uses						
Storm Sewer	\$ 50,000					
Total Uses of Funds	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -

Per Ramsey County's State Aid Highway (CSAH) cost participation policy and practices, the City will be required to fund portions of the costs related to the project. An understanding of the extent of the improvements and funding requirements of the City is being developed through participation in the planning process.



Lexington Avenue Reconstruction

PWA 00010

Rice Street/I-694 Interchange

PWA 11

City participation in Ramsey County's reconstruction of the Rice Street (County Highway 49) and I-694 interchange. The proposed project would consist of the replacement of the existing Rice Street Bridge over I-694 and the associated access ramps.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
MSA			\$ 420,000			
Total Sources of Funds	\$ -	\$ -	\$ 420,000	\$ -	\$ -	\$ -
Uses						
Street			\$ 420,000			
Total Uses of Funds	\$ -	\$ -	\$ 420,000	\$ -	\$ -	\$ -

Per Ramsey County's County State Aid Highway (CSAH) cost participation policy and practices, corresponding to Minnesota Trunk Highway Turnback funding, the City will be required to fund portions of the costs related to the project. An understanding of the extent of the improvements and funding requirements of the City is being developed through participation in the planning process.



Rice Street/I - 694 Interchange

PWA 00011

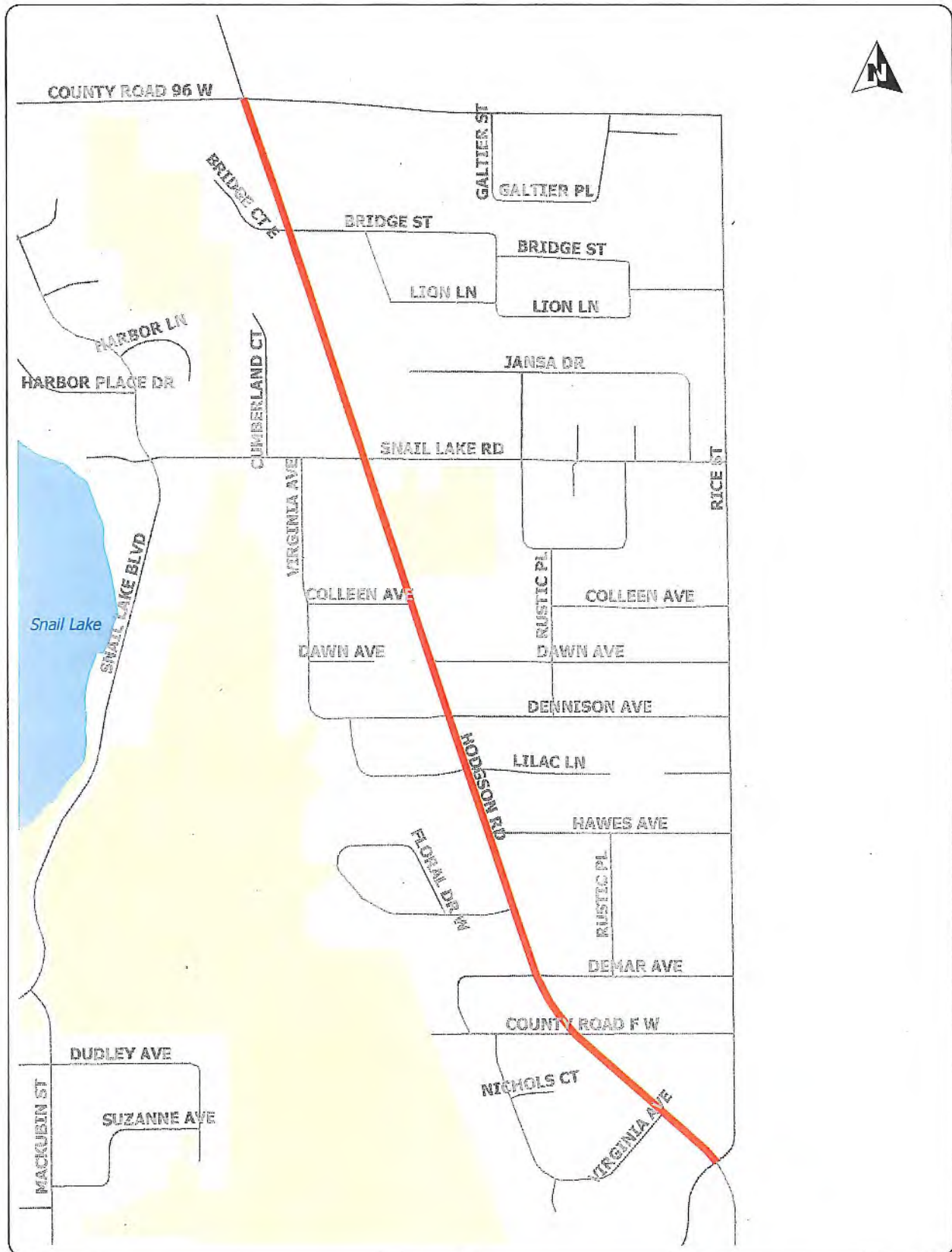
Highway 49/Hodgson (H96-Gramsie)

PWA 12

City participation in Ramsey County's reconstruction of Highway 49, from Gramsie Road to Highway 96. The proposed project would consist of road construction to modern suburban standards, and potentially include the installation of concrete curb and gutter, drainage improvements, sidewalks/trails, additional through and turn lanes, and relocation or rehabilitation of City-owned water main and sanitary sewers. The project would also include geometric revisions and permanent signalization of the Snail Lake Road intersection. Assessments for the project totaling \$75,000 are for storm sewer.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
MSA					\$ 218,000	
Street Lighting Fund					12,000	
Community Investment					94,000	
Debt-Special Assessments					75,000	
Debt-Water Revenue					54,000	
Debt-Sewer Revenue					44,000	
Total Sources of Funds	\$ -	\$ -	\$ -	\$ -	\$ 497,000	\$ -
Uses						
Traffic Signal					\$ 158,000	
Trail					94,000	
Water Main					54,000	
Sanitary Sewer					44,000	
Storm Sewer					107,000	
Street Lighting					40,000	
Total Uses of Funds	\$ -	\$ -	\$ -	\$ -	\$ 497,000	\$ -

Per Ramsey County's County State Aid Highway (CSAH) cost participation policy and practices, corresponding to Minnesota Trunk Highway Turnback funding, the City will be required to fund portions of the costs related to right-of-way acquisition, parking and/or turn lanes, drainage improvements, city-owned utility upgrades or repairs and off-street pedestrian improvements. An understanding of the extent of the improvements and funding requirements of the City is being developed through participation in a corridor planning process that is expected to identify Highway 49 priorities.



Highway 49/Hodgson (Highway 96 to Gramsie)

PWA 00012

Owasso Boulevard N Reconstruction

PWA 25

Complete reconstruction of the road surface and upgrade of Owasso Boulevard North (from Owasso Boulevard West to Soo Street) and Arbogast Street (from Victoria Street to Owasso Boulevard West). The project would also include the addition of concrete curb and gutter, replacement of watermain, repairs to sanitary sewer piping, and the addition of storm water collection and treatment systems. Assessments for the project, totalling \$130,000 are for storm (\$50,000) and street (\$80,000).

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Special Assessments					\$ 130,000	
MSA					2,730,000	
Debt-Water Revenue					570,000	
Debt-Sewer Revenue					300,000	
Total Sources of Funds	\$ -	\$ -	\$ -	\$ -	\$ 3,730,000	\$ -
Uses						
Street					\$ 1,950,000	
Water Main					570,000	
Sanitary Sewer					300,000	
Storm Sewer					730,000	
Street Lighting					180,000	
Total Uses of Funds	\$ -	\$ -	\$ -	\$ -	\$ 3,730,000	\$ -

These improvements would be consistent with the City's street/infrastructure efforts in recent years and in accordance with the City's street renewal assessment policies. The streets in these areas do not have concrete curb and gutter and have minimal storm water collection and treatment systems.



Sealcoat Streets

PWA 1

Street sealcoating and crackfilling are performed annually throughout the City, per the recommendation of the City's Pavement Management Program. The work involves sealcoating and crackfilling one seventh of city streets each year (approximately 12.9 miles) with support from the Street Renewal Fund.

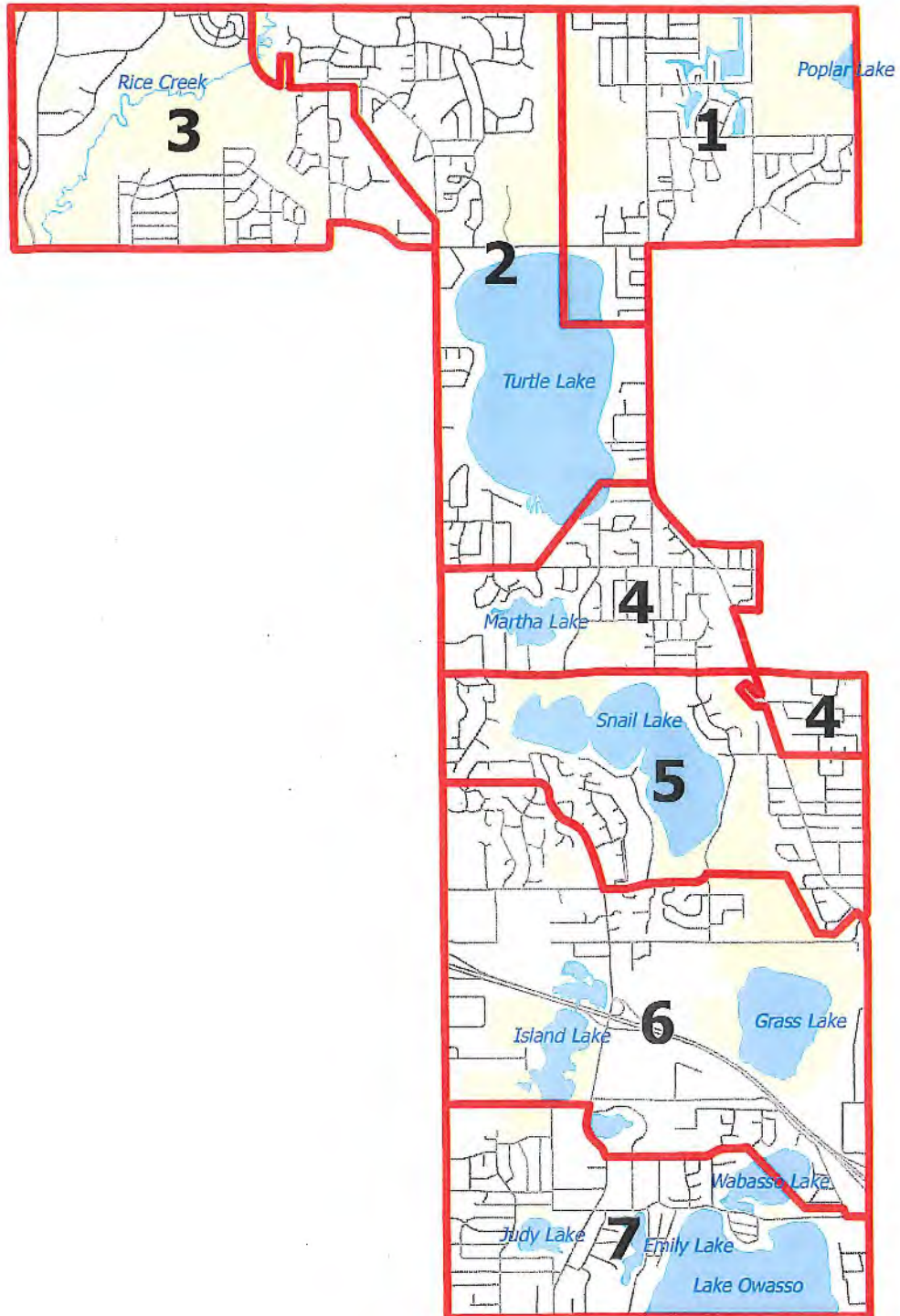
Planned street zones include:

- 2015 - zone 3 streets (211,595 SY)
- 2016 - zone 1 streets (210,299 SY)
- 2017 - zone 2 streets (210,133 SY)
- 2018 - zone 4 streets (205,519 SY)
- 2019 - zone 5 streets (205,688 SY)
- 2020 - zone 6 streets (208,273 SY)
- 2021 - zone 7 streets (210,503 SY)

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Street Renewal Fund	\$ 333,400	\$ 345,200	\$ 348,200	\$ 355,000	\$ 361,500	\$ 368,600
Total Sources of Funds	\$ 333,400	\$ 345,200	\$ 348,200	\$ 355,000	\$ 361,500	\$ 368,600
Uses						
Crack Fill Streets	\$ 21,000	\$ 21,000	\$ 23,000	\$ 23,000	\$ 23,000	\$ 23,000
Sealcoat Streets	304,400	315,700	316,700	323,000	329,500	336,100
Street Condition Survey	8,000	8,500	8,500	9,000	9,000	9,500
Total Uses of Funds	\$ 333,400	\$ 345,200	\$ 348,200	\$ 355,000	\$ 361,500	\$ 368,600

Street condition surveys (data collection measures used to evaluate street condition as part of the Pavement Management Program) are performed over 1/3 of city streets each year.

Sealcoating and crackfilling are two maintenance strategies used to prolong the useful life of streets. The Pavement Management Program estimates the future funding necessary for cost-effective management of streets and protection of street condition.



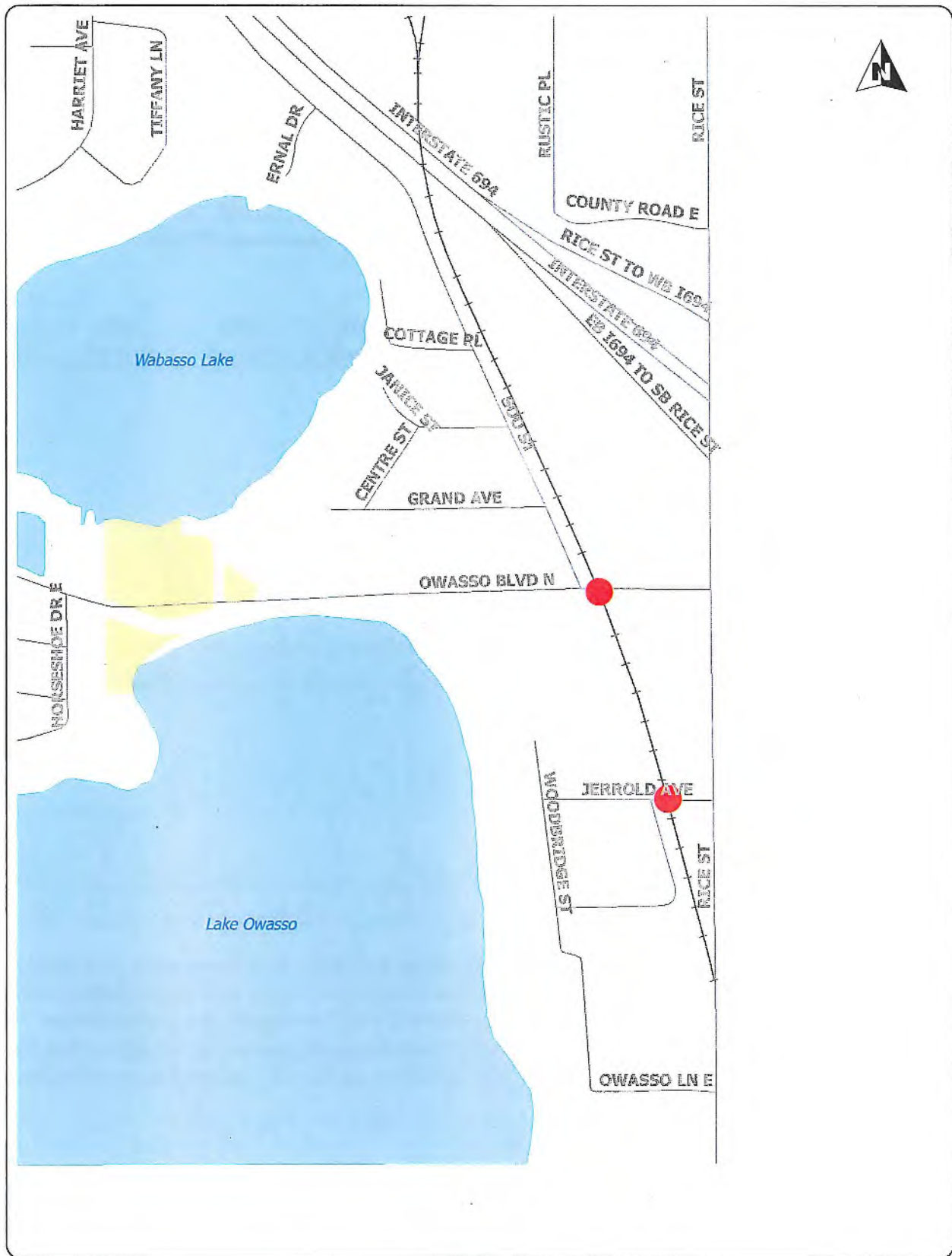
Railroad Crossing Quiet Zone Improvement

PWA 19

Upgrade railroad crossing signals at Jerrold Avenue and North Owasso Blvd.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Grant	\$ 440,500					
Street Renewal Fund	1,017					
Total Sources of Funds	\$ 441,517	\$ -	\$ -	\$ -	\$ -	\$ -
Uses						
Street	\$ 441,517					
Total Uses of Funds	\$ 441,517	\$ -	\$ -	\$ -	\$ -	\$ -

Upgraded crossing signals will allow quiet zones to be established at crossings.



Jerrold Avenue and North Owasso Blvd. Rail Crossing Upgrade

PWA 00019

Grand Avenue Reconstruction

PWA 24

Complete reconstruction of the road surface of Grand Avenue and extension south to Janice Street. The project would include the addition of concrete curb & gutter, watermain repair, sanitary sewer repair, installation of a stormwater collection & treatment system, and installation of street lights. Assessments to the residents for the project totaling \$23,787 are for street (\$13,600) and storm (\$10,187). Assessments to the developer that is creating six lots along Grand Avenue totaling \$115,000 are for street (\$83,400), storm (\$25,600), and street light (\$6,000) and will be financed by the Street Renewal Fund. The developer agreement requires all developer related assessments be paid by the end of 2018.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Special Assessments	\$ 23,787					
Street Renewal-Special Assmts	115,000					
Street Renewal Fund	257,000					
Community Investment	40,000					
Debt-Water Revenue	3,500					
Debt-Sewer Revenue	1,500					
Debt-Surface Water Revenue	149,213					
Street Lighting Fund	34,000					
Total Sources of Funds	\$ 624,000	\$ -	\$ -	\$ -	\$ -	\$ -
Uses						
Street	\$ 354,000					
Water Main	3,500					
Sanitary Sewer	1,500					
Storm Sewer	185,000					
Street Lighting	40,000					
Trail	40,000					
Total Uses of Funds	\$ 624,000	\$ -	\$ -	\$ -	\$ -	\$ -

These improvements are consistent with the City's street/infrastructure efforts in recent years and in accordance with the City's street renewal and assessment policies. The reconstruction of Grand Avenue was originally included as part of the Wabasso Neighborhood reconstruction that is scheduled for 2019 in the City's current CIP. The schedule of the reconstruction of Grand Avenue was moved to 2016 in anticipation of the development of six new lots located along the south side of Grand Avenue that will occur in 2015 and 2016. Grand Avenue does not currently have concrete curb & gutter.



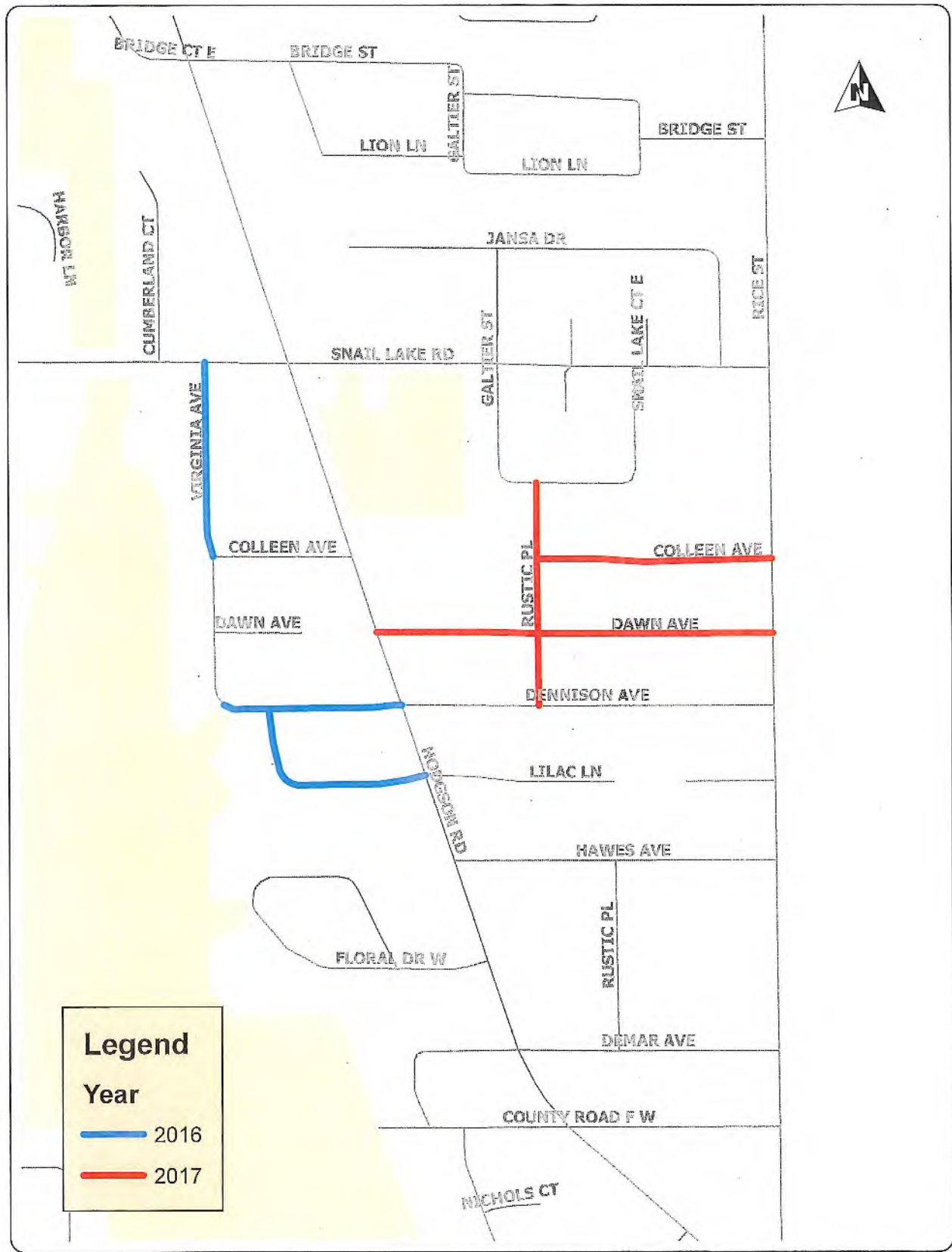
Windward Heights Neighborhood

PWA 16

Complete reconstruction and upgrade of road surfaces on Dawn Avenue, Rustic Place, and Colleen Avenue on the east side of Highway 49; and Dennison Avenue, Lilac Lane and Virginia Avenue on the west of Highway 49. The project would also include storm drainage improvements as well as replacement of cast iron water main and any necessary sanitary sewer repairs. Assessments for the project, totaling \$251,200, are for storm (\$98,000), street (\$130,000) and water (\$23,200).

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund		\$ 60,000				
Street Renewal Fund	\$ 665,400	766,500				
Street Lighting Fund	80,000	85,000				
Debt-Special Assessments	123,200	128,000				
Debt-Water Revenue	281,800	450,000				
Debt-Sewer Revenue	53,000	220,000				
Debt-Surface Water Revenue	224,600	345,000				
Total Sources of Funds	\$ 1,428,000	\$ 2,054,500	\$ -	\$ -	\$ -	\$ -
Uses						
Street	\$ 724,000	\$ 839,500				
Trail		60,000				
Water Main	305,000	450,000				
Sanitary Sewer	53,000	220,000				
Storm Sewer	266,000	400,000				
Street Lighting	80,000	85,000				
Total Uses of Funds	\$ 1,428,000	\$ 2,054,500	\$ -	\$ -	\$ -	\$ -

These improvements would be consistent with the City's street/infrastructure efforts in recent years, and in accordance with the City's street renewal and assessment policies. The streets in this neighborhood do not currently have curb and gutter.



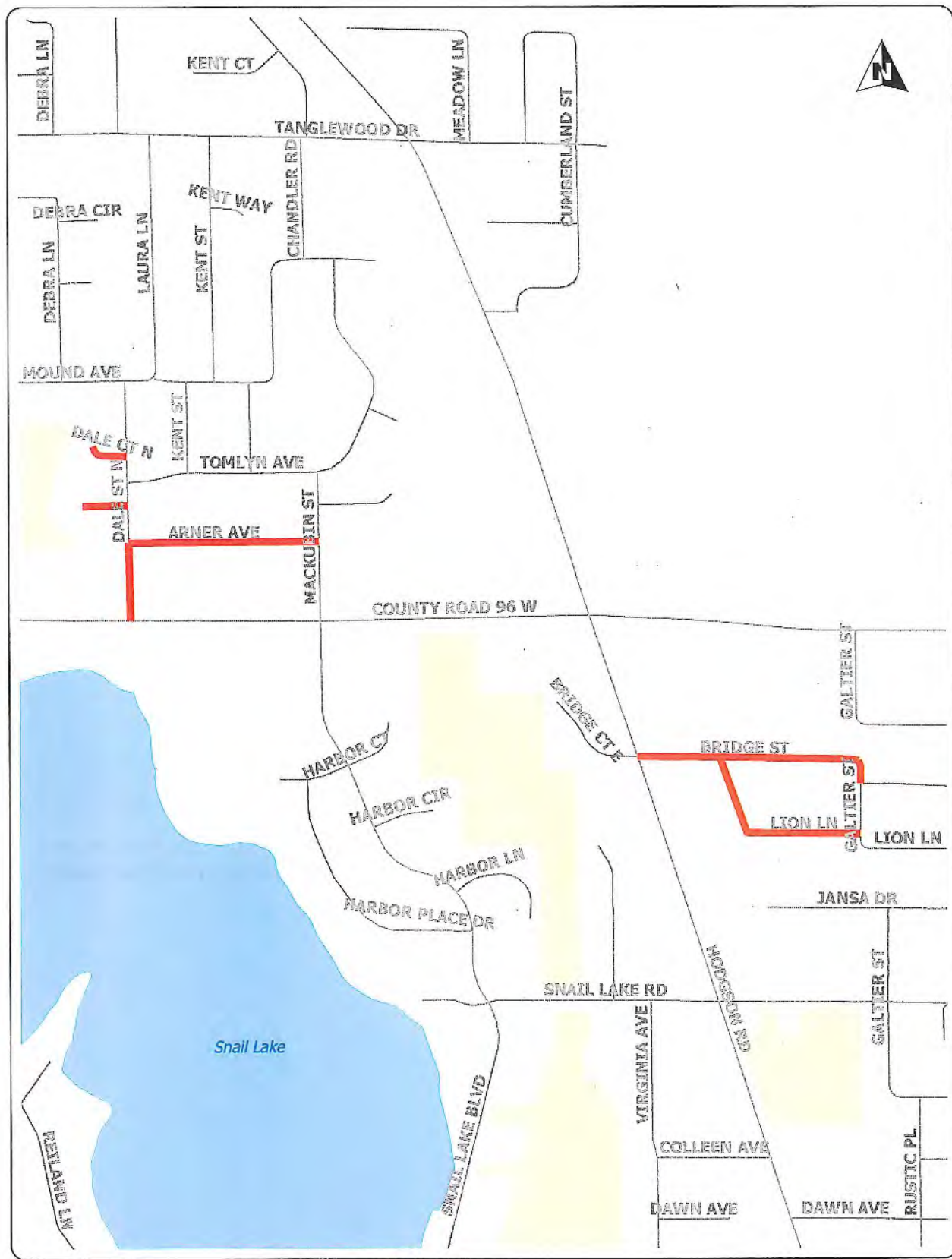
Bridge, Lion Neighborhood

PWA 26

Complete reconstruction of the road surfaces of Arner Avenue (Dale St to Mackubin St), Dale Street (96-Arner Ave), Dale Court N & S, Bridge Street (Hodgson Rd to Galtier St), and Lion Lane (Bridge St to Galtier St). The project would also include the addition of concrete curb and gutter, installation of watermain and services to Dale Court N & S, and installation of storm water collection and treatment systems. Assessments for the project, totalling \$190,000 are for storm (\$46,000), street (\$95,000) and water (\$49,000).

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Special Assessments			\$ 190,000			
MSA			150,000			
Debt-Water Revenue			66,000			
Debt-Sewer Revenue			380,000			
Debt-Surface Water Revenue			454,000			
Street Lighting Fund			87,000			
Street Renewal Fund			873,000			
Total Sources of Funds	\$ -	\$ -	\$ 2,200,000	\$ -	\$ -	\$ -
Uses						
Street			\$ 1,100,000			
Street Lighting			105,000			
Water Main			115,000			
Sanitary Sewer			380,000			
Storm Sewer			500,000			
Total Uses of Funds	\$ -	\$ -	\$ 2,200,000	\$ -	\$ -	\$ -

The improvements are consistent with the City's street/infrastructure efforts in recent years and in accordance with the City's street renewal and assessment policies. The streets in these areas do not have curb and gutter.



Bridge, Lion Neighborhood

PWA 00026

Wabasso Neighborhood

PWA 8

Complete reconstruction of the road surface of streets located on the east side of Lake Wabasso with access off Soo Street. This area includes Cottage Place, Janice Street, Wabasso Avenue, Centre Street, and the Janice Street alley. The project would also include the addition of concrete curb and gutter, water main repair, sanitary sewer repair and replacement of services, installation of a storm water collection and treatment system and the installation of street lights. Assessments for the project, totaling \$89,800, are for storm (\$37,000) and street (\$52,800).

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Street Renewal Fund				\$ 472,200		
Street Lighting Fund				63,000		
Debt-Special Assessments				89,800		
Debt-Water Revenue				75,000		
Debt-Sewer Revenue				200,000		
Debt-Surface Water Revenue				313,000		
Total Sources of Funds	\$ -	\$ -	\$ -	\$ 1,213,000	\$ -	\$ -
Uses						
Street				\$ 525,000		
Water Main				75,000		
Sanitary Sewer				200,000		
Storm Sewer				350,000		
Street Lighting				63,000		
Total Uses of Funds	\$ -	\$ -	\$ -	\$ 1,213,000	\$ -	\$ -

These improvements are consistent with the City's street/infrastructure efforts in recent years, and in accordance with the City's street renewal and assessment policies. The streets in these areas do not currently have curb and gutter.



Wabasso Neighborhood

PWA 00008

Edgetown Acres-Schutta/Lois/Hillview

PWA 13

Complete reconstruction of the road surface of Lois Drive & Hillview Road from Fairview Avenue to Snelling Avenue, Aldine Street, Fairview Avenue, and Pinewood Drive, Terrace Drive, and Oakwood Drive from Fairview Avenue to Aldine Street. The project would include the addition of concrete curb & gutter, water main repair, sanitary sewer repair, installation of a stormwater collection & treatment system, and installation of street lights. Assessments to the residents for the project totaling \$628,320 are for street (\$369,600) and storm (\$258,720).

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Special Assessments					\$ 318,240	\$ 310,080
Street Renewal Fund					1,337,800	1,457,600
Debt-Water Revenue					100,000	100,000
Debt-Sewer Revenue					550,000	550,000
Debt-Surface Water Revenue					418,960	422,320
Street Lighting Fund					145,000	150,000
Total Sources of Funds	\$ -	\$ -	\$ -	\$ -	\$ 2,870,000	\$ 2,990,000
Uses						
Street					\$ 1,525,000	\$ 1,640,000
Water Main					100,000	100,000
Sanitary Sewer					550,000	550,000
Storm Sewer					550,000	550,000
Street Lighting					145,000	150,000
Total Uses of Funds	\$ -	\$ -	\$ -	\$ -	\$ 2,870,000	\$ 2,990,000

These improvements are consistent with the City's street/infrastructure efforts in recent years, and in accordance with the City's street renewal and assessment policies. The streets in these areas do not currently have curb and gutter.



Park Facility Replacements

PKA 1

This project provides an allowance for park replacements, funded by the General Fixed Asset Replacement Fund. A description of planned costs by park is provided below.

Bucher Park costs include:

- 2019 - \$ 44,000 fencing replacement

Commons Park costs include:

- 2016 - \$ 20,000 Commons area and Highway 96 landscaping
- 2017 - \$ 20,000 Commons area and Highway 96 landscaping
- 2017 - \$175,000 Skate park replacement
- 2018 - \$ 90,000 playground replacement

Lake Judy Park costs include:

- 2017 - \$ 10,000 replace timber edge of playground with concrete

McCullough Park costs include:

- 2017 - \$115,000 playground replacement including concrete curbing
- 2020 - \$ 28,000 replace park lighting

Ponds Park costs include:

- 2018 - \$55,000 playground replacements including concrete curbing

Rice Creek Park costs include:

- 2017 - \$ 50,000 scoreboard replacement
- 2017 - \$ 8,000 replace gates on ballfields
- 2018 - \$ 65,000 playground replacement
- 2021 - \$ 60,000 replace fencing

Shamrock Park costs include:

- 2019 - \$130,000 playground replacement including concrete curbing

Theisen Park costs include:

- 2017 - \$ 10,000 repair fencing on basketball court
- 2018 - \$ 28,000 replace park lighting

Wilson Park costs include:

- 2016 - \$160,000 playground replacement including concrete curbing
- 2017 - \$ 35,000 replace ballfields and tennis/basketball courts fencing

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 180,000	\$ 423,000	\$ 238,000	\$ 174,000	\$ 28,000	\$ 60,000
Total Sources of Funds	\$ 180,000	\$ 423,000	\$ 238,000	\$ 174,000	\$ 28,000	\$ 60,000
Uses						
Commons Park	\$ 20,000	\$ 195,000	\$ 90,000			
Wilson Park	160,000	35,000				
Rice Creek Park		58,000	65,000			\$ 60,000
Ponds Park			55,000			
Theisen Park		10,000	28,000			
Bucher Park				\$ 44,000		
McCullough Park		115,000			\$ 28,000	
Shamrock Park				130,000		
Lake Judy Park		10,000				
Total Uses of Funds	\$ 180,000	\$ 423,000	\$ 238,000	\$ 174,000	\$ 28,000	\$ 60,000

An allowance is included in the City's infrastructure replacement plan for routine repair and replacement of amenities in City parks. Periodic replacement of park improvements is necessary to maintain the appearance and condition of the parks, and to remain in compliance with legal standards.

Park Facility Improvements

PKA 2

Park improvements planned throughout the community, and supported by the Community Investment Fund, include:

McCullough Park:

- 2018 - \$700,000 refurbish park

Shamrock Park:

- 2020 - \$750,000 refurbish park

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Community Investment			\$ 700,000		\$ 750,000	
Total Sources of Funds	\$ -	\$ -	\$ 700,000	\$ -	\$ 750,000	\$ -
Uses						
McCullough Park			\$ 700,000			
Shamrock Park					\$ 750,000	
Total Uses of Funds	\$ -	\$ -	\$ 700,000	\$ -	\$ 750,000	\$ -

Periodic improvements to park facilities are necessary to keep the parks in good condition and an asset to the neighborhoods.

Parking & Driveways/City-Owned Facilities

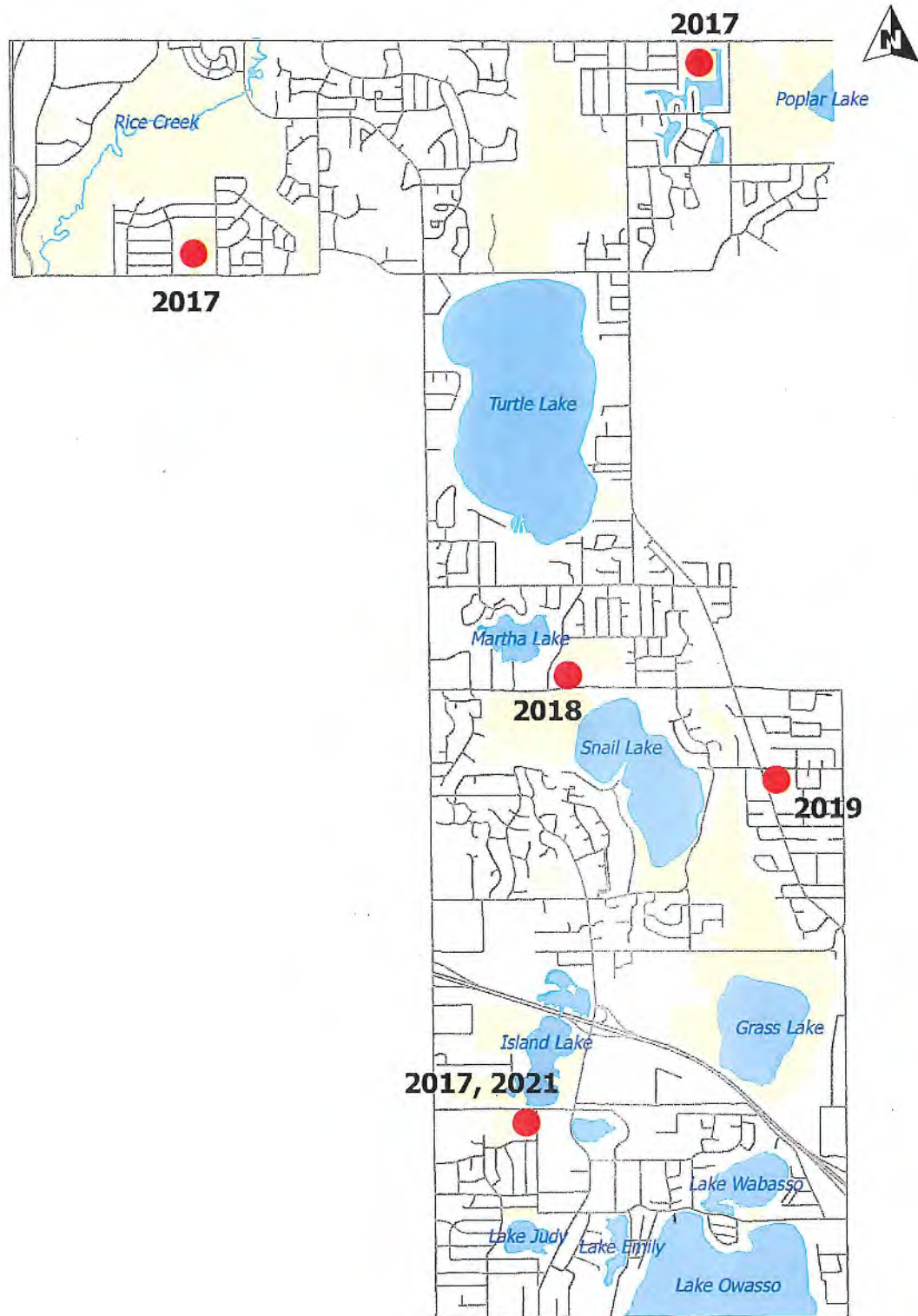
PWA 30

Sealcoating, rehabilitation or replacement of parking lots and driveways at City-owned facilities, including: City Hall, Community Center, and City parks. Sealcoating of parking lots is completed in conjunction with the City's street sealcoating program. Planned costs include:

- 2017 - \$ 85,000 Shamrock Park pavement rehabilitation
- 2017 - \$110,000 Theisen Park pavement rehabilitation
- 2017 - \$ 98,000 Bucher Park parking lot replacement
- 2018 - \$ 50,000 Community Center sealcoat parking lot
- 2019 - \$ 4,200 Sitzer Park sealcoat parking lot
- 2020 - \$ 5,000 Wilson Park sealcoat parking lot
- 2021 - \$ 5,800 Theisen Park sealcoat parking lot

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund		\$ 293,000	\$ 50,000	\$ 4,200	\$ 5,000	\$ 5,800
Total Sources of Funds	\$ -	\$ 293,000	\$ 50,000	\$ 4,200	\$ 5,000	\$ 5,800
Uses						
Wilson Park					\$ 5,000	
Shamrock Park		\$ 85,000				
Theisen Park		110,000				\$ 5,800
Bucher Park		98,000				
City Hall/Community Ctr			\$ 50,000			
Sitzer Park				\$ 4,200		
Total Uses of Funds	\$ -	\$ 293,000	\$ 50,000	\$ 4,200	\$ 5,000	\$ 5,800

Sealcoating and crack filling are pavement management strategies that prolong the useful life of pavement. Shoreview's comprehensive infrastructure replacement plan, which is updated annually, provides for the replacement and maintenance of these areas.



Tennis & Basketball Court Pavement

PKA 6

Periodic sealcoat and/or color coat of tennis and basketball courts in City parks. Planned costs include:

- 2017 - \$30,000 Theisen Park basketball court resurfacing
- 2018 - \$40,000 Commons Park court resurfacing
- 2019 - \$40,000 Sitzer Park court resurfacing
- 2020 - \$40,000 Wilson Park court resurfacing

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund		\$ 30,000	\$ 40,000	\$ 40,000	\$ 40,000	
Total Sources of Funds	\$ -	\$ 30,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -
Uses						
Theisen Park		\$ 30,000				
Commons Park			\$ 40,000			
Sitzer Park				\$ 40,000		
Wilson Park					\$ 40,000	
Total Uses of Funds	\$ -	\$ 30,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -

An allowance is included in the City's comprehensive infrastructure replacement plan for routine repair and replacement of park amenities. Routine replacement of court surfaces is necessary to maintain the appearance and condition, as well as to preserve the use for residents.

Park Building Rehabilitation

PKA 7

Provide an allowance for park building replacements. Planned costs include:

Rice Creek Park:

- 2020 - \$13,000 staining of all cedar on buildings

Replacement Allowance

- 2019 - \$15,000 miscellaneous park building repairs

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund				\$ 15,000	\$ 13,000	
Total Sources of Funds	\$ -	\$ -	\$ -	\$ 15,000	\$ 13,000	\$ -
Uses						
Rice Creek Park					\$ 13,000	
Repair/Replacement Allowance				\$ 15,000		
Total Uses of Funds	\$ -	\$ -	\$ -	\$ 15,000	\$ 13,000	\$ -

An allowance for park building repairs and replacements is included in the City's comprehensive infrastructure replacement plan. Periodic repair and replacement is necessary to maintain the condition of park buildings.

Trail Rehabilitation and Extension

PWA 20

Rehabilitation of the pavement surface on paved trails throughout the City. This project may consist of replacement of the pavement surface, or providing a protective coating, such as a sealcoat, to extend the life of the trail segments.

Scheduled rehabilitation of paths located in these areas:

- 2016 - for trail segments to be determined in the future
- 2017 - for trail segments to be determined in the future
- 2018 - for trail segments to be determined in the future
- 2019 - for trail segments to be determined in the future
- 2020 - for trail segments to be determined in the future
- 2021 - for trail segments to be determined in the future

Scheduled extensions include:

- 2016 - \$85,000 Gramsie Road trail extension
- 2017 - \$80,000 Snail Lake Open Space secondary trail segment

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 75,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
Community Investment	85,000	80,000				
Total Sources of Funds	\$ 160,000	\$ 160,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
Uses						
Trail	\$ 160,000	\$ 160,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
Total Uses of Funds	\$ 160,000	\$ 160,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000

To preserve the integrity and extend the life of bituminous trails and concrete sidewalks throughout the City's trail system. Replacement or rehabilitation of trail assets are planned in accordance with the City's comprehensive infrastructure replacement plan, updated annually.

The extension of the trail along Gramsie Road will provide a connection between Victoria Street and Dale Street. The Snail Lake Open Space trail will provide an alternate link from the open space to the Gramsie Road trail that is less susceptible to flooding.

Fire Stations

ADM 1

A repair and replacement allowance for fire stations, intended to cover equipment, furnishings and minor maintenance items. The cost shown in the table below represents Shoreview's share of costs (62%). Specific items planned for each station are listed below.

Station #2 costs include:

- 2016 - \$ 3,720 pressure washer/reel
- 2016 - \$ 12,400 replace north fence
- 2017 - \$ 7,440 replace furnace
- 2017 - \$ 4,464 firefighter lockers
- 2018 - \$ 9,300 paint bay ceilings/walls

Station #3 costs include:

- 2016 - \$ 19,840 audio/visual equipment training room
- 2018 - \$ 31,000 replace roof over bays
- 2019 - \$ 23,560 resurface bay floors

Station #4 costs include:

- 2017 - \$ 5,766 firefighter lockers/storage cabinets

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 35,960	\$ 17,670	\$ 40,300	\$ 23,560		
Total Sources of Funds	\$ 35,960	\$ 17,670	\$ 40,300	\$ 23,560	\$ -	\$ -
Uses						
Fire Station #2	16,120	11,904	9,300			
Fire Station #3	19,840		31,000	23,560		
Fire Station #4		5,766				
Total Uses of Funds	\$ 35,960	\$ 17,670	\$ 40,300	\$ 23,560	\$ -	\$ -

Routine repairs and replacements are necessary to maintain the condition and appearance of the buildings, and to protect the investment in the buildings. In addition, there is a need for replacement of equipment and furnishings within the fire stations.

General Government Buildings

ADM 6

Replacements, rehabilitation and improvements to municipal buildings, including the council chambers, and general government equipment.

Equipment includes:

- 2016 - \$ 42,168 election equipment replacement (voting machines)
- 2016 - \$100,000 council chamber improvements

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 42,168					
Cable Television Fund	100,000					
Total Sources of Funds	\$ 142,168	\$ -	\$ -	\$ -	\$ -	\$ -
Uses						
Equipment-General	142,168					
Total Uses of Funds	\$ 142,168	\$ -	\$ -	\$ -	\$ -	\$ -

Periodic replacement of camera and sound equipment is necessary to maintain functionality for broadcasting public meetings.

Election equipment replacements are coordinated with Ramsey County (the cost shown is Shoreview's share of election equipment).

Community Center Rehabilitation

CC 1

A repair/replacement allowance for mechanical systems and other building replacements provides for the following costs:

Building costs include:

- 2016 - \$146,400 lighting project
- 2016 - \$118,160 replace hot water tank and heater
- 2016 - \$121,302 Park and Recreation office remodel
- 2020 - \$ 30,000 repair/replacement allowance

Carpet/flooring costs include:

- 2016 - \$ 58,975 replace running track surface
- 2017 - \$ 48,000 replace lower level carpet
- 2017 - \$ 30,000 replace rubber floor in fitness studio #3
- 2017 - \$ 55,000 pool deck rehabilitation
- 2018 - \$ 52,000 replace carpet in Council Chambers
- 2021 - \$ 95,000 replace carpet on upper level

Mechanical System costs include:

- 2017 - \$250,000 replace generator for City Hall and Community Center
- 2019 - \$180,000 replace three main boilers in mechanical room
- 2020 - \$ 60,000 replace two pool AHU boilers on mezzanine

Gymnasium costs include:

- 2016 - \$ 24,160 paint track railings and walls

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 468,997	\$ 383,000	\$ 52,000	\$ 180,000	\$ 90,000	\$ 95,000
Total Sources of Funds	\$ 468,997	\$ 383,000	\$ 52,000	\$ 180,000	\$ 90,000	\$ 95,000
Uses						
Municipal Buildings	\$ 385,862				\$ 30,000	
Carpet/flooring	58,975	133,000	52,000			95,000
Mechanical Systems		250,000		180,000	60,000	
Gymnasium	24,160					
Total Uses of Funds	\$ 468,997	\$ 383,000	\$ 52,000	\$ 180,000	\$ 90,000	\$ 95,000

The age of mechanical systems and volume of use at the Community Center increase the need for mechanical system repairs and other building replacements. Completion of these repairs in a timely manner is necessary to maintain the appearance of the building, to protect the investment in the building, and to retain customers. An allowance is included in the City's infrastructure replacement plan so that routine and periodic repairs can be made without impacting the Community Center operating budget.

Banquet Facility

CC 2

A repair and replacement allowance for the banquet room facilities and furnishings. Planned costs are listed below.

Furniture costs include:

- 2017 - \$150,000 replace banquet room chairs
- 2017 - \$ 40,000 replace banquet room tables

Banquet room repairs include:

- 2016 - \$ 7,345 Shoreview room wallpaper and wood refurbish
- 2018 - \$ 20,000 miscellaneous repairs
- 2019 - \$ 20,000 miscellaneous repairs
- 2020 - \$ 90,000 replace movable walls in Community Room
- 2021 - \$ 20,000 miscellaneous repairs

Carpet replacement includes:

- 2018 - \$ 35,000 Community Room carpet

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 7,345	\$ 190,000	\$ 55,000	\$ 20,000	\$ 90,000	\$ 20,000
Total Sources of Funds	\$ 7,345	\$ 190,000	\$ 55,000	\$ 20,000	\$ 90,000	\$ 20,000
Uses						
Furniture		\$ 190,000				
Equipment-General						
Banquet Room Repairs	7,345		20,000	20,000	90,000	20,000
Carpet/flooring			35,000			
Total Uses of Funds	\$ 7,345	\$ 190,000	\$ 55,000	\$ 20,000	\$ 90,000	\$ 20,000

The volume of banquet room use, for weddings, receptions, Summer Discovery, and other activities causes wear and tear on the facility. Completion of these repairs in a timely manner is necessary to maintain the appearance of the facility, to protect the investment in the building and to retain customers. An allowance is included in the City's comprehensive infrastructure replacement plan so that routine and periodic repairs can be made without impacting the Community Center operating budget.

Pool & Locker Room Areas

CC 3

A repair and replacement allowance for the pool and locker room areas at the community center. Planned costs are listed below.

Pool/whirlpool replacement costs include:

- 2016 - \$ 7,500 refurbish pool floatables
- 2016 - \$ 42,939 replace main pool UV system
- 2017 - \$ 20,000 replace pool floatable
- 2017 - \$ 25,000 regROUT main pool
- 2018 - \$ 12,000 replace main pool drain covers
- 2018 - \$ 12,000 replace sand and elements in main pool and whirlpool filters
- 2019 - \$ 20,000 replace pool floatable
- 2021 - \$ 11,000 replace whirlpool UV system

Locker room replacement includes:

- 2018 - \$ 45,000 replace wooden lockers in fitness locker rooms
- 2021 - \$179,000 replace lockers in pool locker rooms
- 2021 - \$ 33,600 remodel locker rooms

Water slide repair/replacements include:

- 2017 - \$ 17,000 replace slide lights and music system
- 2018 - \$ 40,000 water slide refurbish

Repair and replacement allowances include:

- 2018 - \$ 20,000 replace internal steel supports on boat slide
- 2019 - \$ 75,000 repaint pool ceiling
- 2020 - \$ 20,000 replace lily pads on water walk
- 2021 - \$ 30,000 replace both landing pads on water walk

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 50,439	\$ 62,000	\$ 129,000	\$ 95,000	\$ 20,000	\$ 253,600
Total Sources of Funds	\$ 50,439	\$ 62,000	\$ 129,000	\$ 95,000	\$ 20,000	\$ 253,600
Uses						
Pool/Whirlpool	\$ 50,439	\$ 45,000	\$ 24,000	\$ 20,000		\$ 11,000
Locker Rooms			45,000			212,600
Water Slide		17,000	40,000			
Repair/Replacement Allowance			20,000	75,000	20,000	30,000
Total Uses of Funds	\$ 50,439	\$ 62,000	\$ 129,000	\$ 95,000	\$ 20,000	\$ 253,600

The volume of use of pool and locker room facilities throughout the year causes wear and tear on the facility. Completion of these repairs in a timely manner is necessary to maintain the appearance of the facility, to protect the investment in the building and to retain customers. An allowance is included in the City's comprehensive infrastructure replacement plan so that routine and periodic repairs can be made without impacting the Community Center operating budget.

Furniture & Equipment

CC 4

A repair and replacement allowance for community center furniture and equipment. Planned costs are listed below.

Fitness equipment replacement allowances include:

- 2016 - \$30,000
- 2017 - \$35,000
- 2018 - \$30,000
- 2019 - \$30,000
- 2020 - \$30,000
- 2021 - \$70,000

Furniture replacement costs include:

- 2017 - \$ 25,000 replace/recover fireside furniture
- 2018 - \$ 20,000 miscellaneous furniture repairs/replacement
- 2019 - \$100,000 refurbish modular office furniture in city hall

Equipment Community Center costs include:

- 2017 - \$ 15,000 replace sound system in gym activity room and studio #2
- 2017 - \$ 13,000 replace Wave Café freezers and refrigerators

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 30,000	\$ 88,000	\$ 50,000	\$ 130,000	\$ 30,000	\$ 70,000
Total Sources of Funds	\$ 30,000	\$ 88,000	\$ 50,000	\$ 130,000	\$ 30,000	\$ 70,000
Uses						
Equipment-Fitness	\$ 30,000	\$ 35,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 70,000
Furniture		25,000	20,000	100,000		
Equipment-Community Center		28,000				
Total Uses of Funds	\$ 30,000	\$ 88,000	\$ 50,000	\$ 130,000	\$ 30,000	\$ 70,000

The volume of use of the community center facility throughout the year causes wear and tear on furniture and equipment. Completion of these repair/replacements in a timely manner is necessary to maintain the appearance of the facility, to protect the investment in the building and to retain customers. An allowance is included in the City's comprehensive infrastructure replacement plan so that routine and periodic repairs can be made without impacting the Community Center operating budget.

Community Center Improvements

CC 10

Planned community center improvements and allowances for improvements to be determined in the future are listed below.

Building costs include:

- 2016 - \$15,035 add large birthday party lockers
- 2017 - \$45,000 add landscaping by waterslide and rock work by whirlpool

Improvement allowances include:

- 2018 - \$50,000 for items to be determined later
- 2019 - \$50,000 for items to be determined later
- 2020 - \$50,000 for items to be determined later
- 2021 - \$50,000 for items to be determined later

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Community Investment	\$ 15,035	\$ 45,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Sources of Funds	\$ 15,035	\$ 45,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Uses						
Municipal Buildings	\$ 15,035	\$ 45,000				
Improvement Allowance			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Uses of Funds	\$ 15,035	\$ 45,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

To preserve the vitality of the Community Center and continue to generate income in support of operating costs, it is important to offer new experiences to customers through periodic changes to the community center facility.

Community Ctr Expansion/Commons Park Imp

CC 12

This project involves the construction of an addition onto the Community Center, as well as several other improvements to the Shoreview Commons area, including an outdoor water play area and access improvements to the new regional library.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Community Center Fund		\$ 200,000				
Recreation Programs Fund		200,000				
Community Investment		3,600,000				
Debt-Property Taxes		4,000,000				
Total Sources of Funds	\$ -	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -
Uses						
Municipal Buildings		\$ 4,500,000				
Pool/Whirlpool		1,200,000				
Other Building		2,300,000				
Total Uses of Funds	\$ -	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -

The Community Center is more than 25 years old and certain areas of the center need updating and additional space is needed for recreational/fitness programs.

Water Systems

PWA 5

This project includes improvements to the City's water system.

2016 costs include:

- \$75,000 - install natural gas/alternate power backup generator for Well 6.
- \$500,000 - install raw waterline from Well #6 to the existing raw water header piping.
- \$360,000 - relocation of the water main under I-694 just east of the Victoria Street overpass.
- \$90,000 - connect relocated water main in the I-694 right-of-way to the existing water main under Victoria Street south of the I-694 overpass.

2021 costs include:

- \$700,000 - North tower interior wet/dry rehabilitation and surface recoating.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Water Revenue	\$ 675,000					\$ 700,000
Grant	350,000					
Total Sources of Funds	\$ 1,025,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000
Uses						
Water Miscellaneous	\$ 75,000					
Water Tower						\$ 700,000
Water Main	950,000					
Total Uses of Funds	\$ 1,025,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000

Improvements, rehabilitation, cleaning and inspection of the City's water system are planned in accordance with the City's Comprehensive Infrastructure Replacement Plan, which is reviewed and updated annually.

MNDOT's reconstruction of I-694 required the City to lower the depth of its water main under I-694.

Due to the depth of the existing water main south of the I-694 overpass, the new water main installed under I-694 will need to be connected to the existing water main under Victoria Street.

Water Treatment Plant

PWA 17

The addition of a water treatment plant will address the issue of rising levels of iron and manganese in the City's wells. Water treatment will effectively remove dissolved iron and manganese from the City's water supply.

- 2015, 2016 and 2017 - Construction and engineering consultant fees associated with construction of the water treatment plant

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Water Revenue	\$ 5,957,000	\$ 400,000				
Total Sources of Funds	\$ 5,957,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -
Uses						
Buildings-Proprietary	\$ 5,957,000	\$ 400,000				
Total Uses of Funds	\$ 5,957,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -

The water in most of the City's wells has manganese levels higher than the secondary standards set by the EPA. Some wells are showing signs of high levels of iron as well. Iron and manganese, at the levels found in Shoreview's water, are not considered harmful to health, but they can cause esthetic problems as well as taste and odor issues within the water system. Increasing levels of iron and manganese is supported by the steadily growing number of customer concerns or complaints regarding the color and/or look and feel of the City's water.

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Sanitary Sewer Rehabilitation

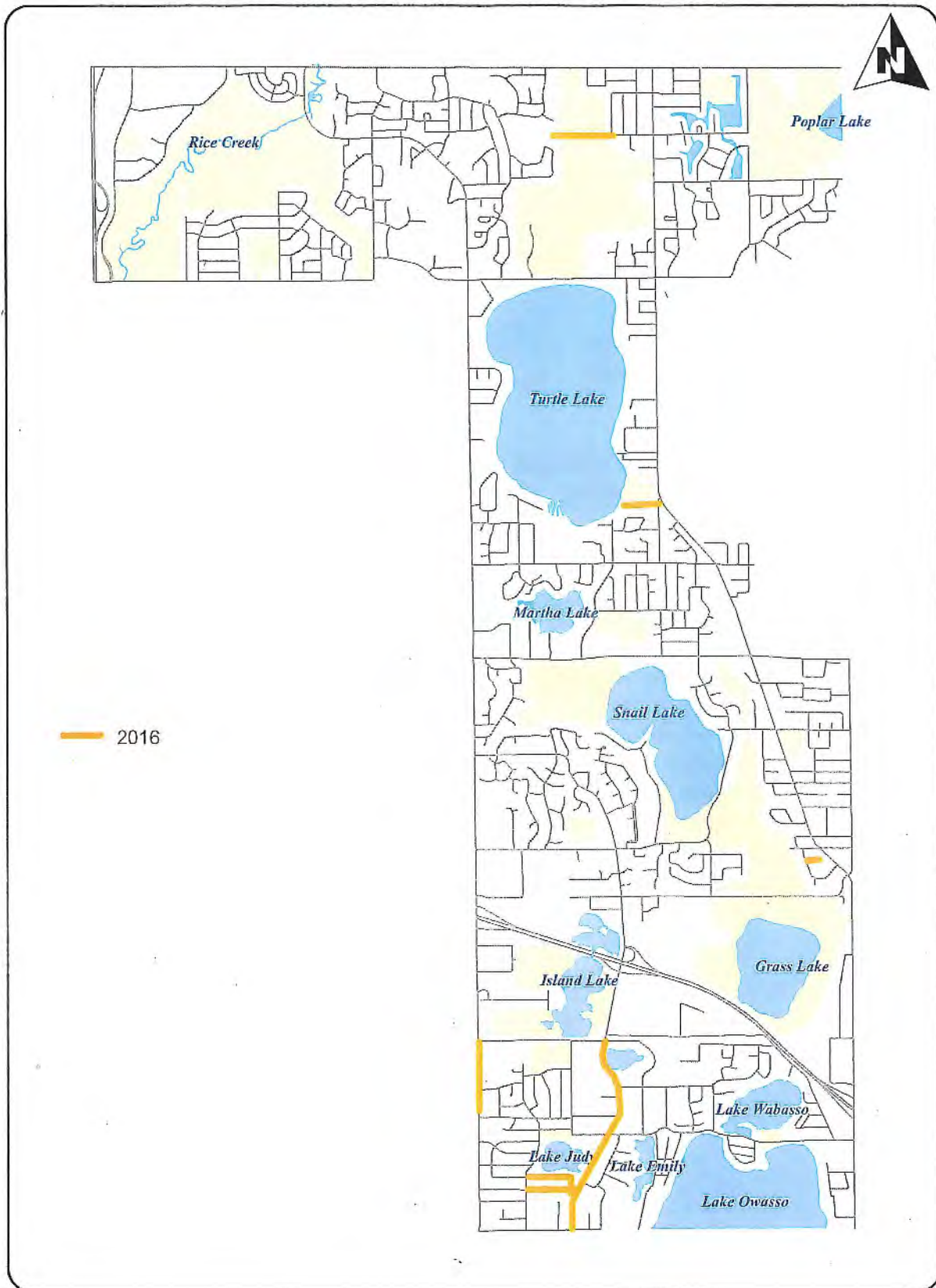
PWA 6

The repair or rehabilitation of high-maintenance or defective sanitary sewer segments located within the City utilizing technology or construction techniques which are unavailable to City maintenance crews. For instance, the City is actively pursuing the use of trenchless methods, and/or pipe re-lining, as an alternative to excavating in existing streets/neighborhoods.

- 2016 - \$150,000 miscellaneous areas throughout the City identified as highly susceptible to infiltration
- 2019 - \$950,000 miscellaneous areas throughout the City identified as highly susceptible to infiltration

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Sewer Revenue	\$ 150,000			\$ 950,000		
Total Sources of Funds	\$ 150,000	\$ -	\$ -	\$ 950,000	\$ -	\$ -
Uses						
Sanitary Sewer	\$ 150,000			\$ 950,000		
Total Uses of Funds	\$ 150,000	\$ -	\$ -	\$ 950,000	\$ -	\$ -

Various sections of the City's sanitary sewer system are in need of repair or rehabilitation. Often, leaky and/or broken pipes and manholes are responsible for groundwater infiltration into the sewage system, resulting in higher sewage treatment costs for the City. The pipes and manholes in need of repair are also more likely to fail, resulting in sewage back-ups and resulting damage claims.



Sewer Lift Stations

PWA 3

Sewer lift station improvements include updates and replacement of lift station equipment as well as system controls and monitoring capability.

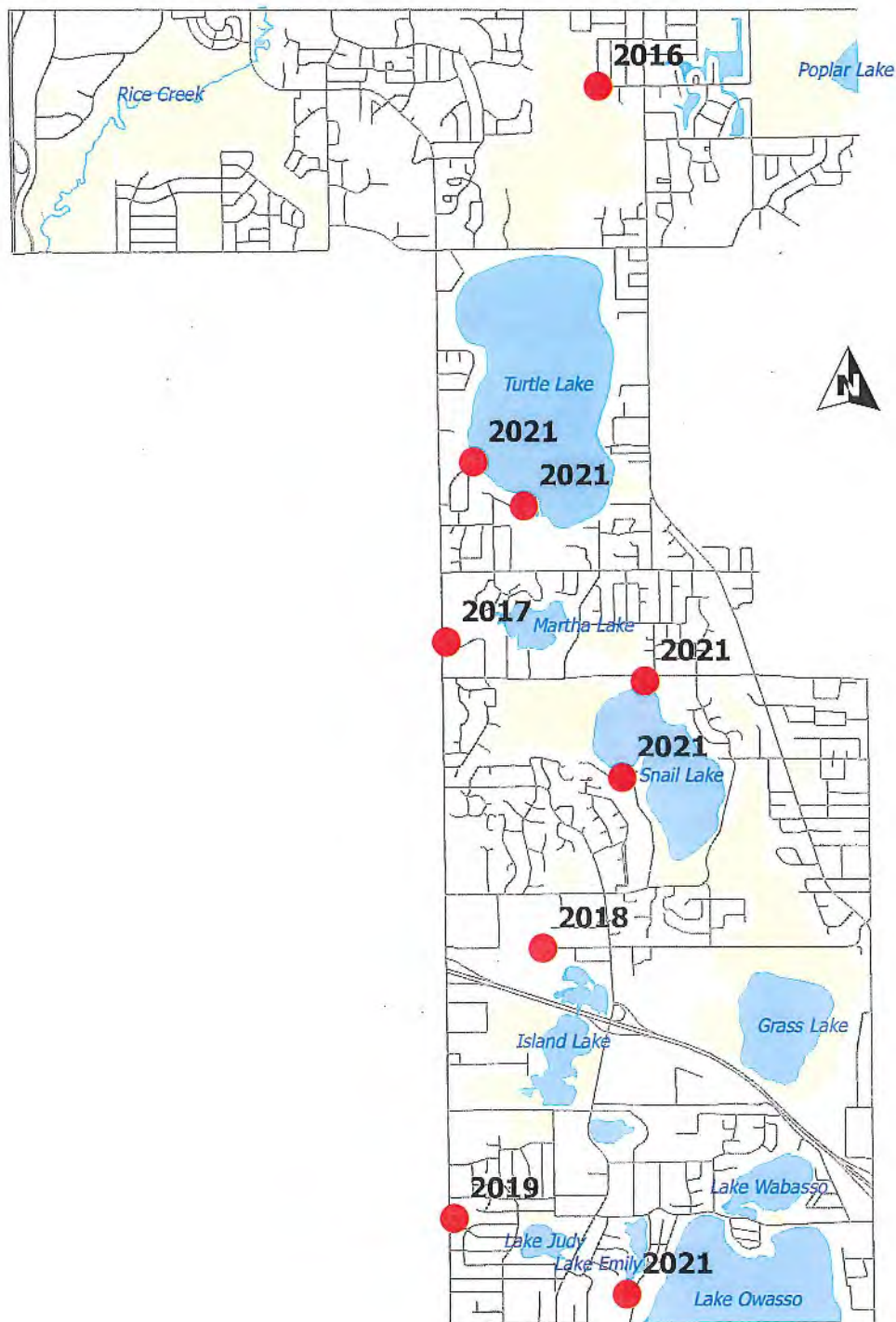
Scheduled replacements and upgrades include:

- 2016 - construct lift station and forcemain east of Bucher Avenue
- 2017 - update and improve controls and components at the North Lexington lift station
- 2018 - update and improve controls and components at the Gramsie lift station
- 2019 - update and improvement of controls and pumps/components at the South Lexington lift station
- 2021 - update 5 lift stations including: South Carlson, Reiland Lane, Turtle Lake, Dale & 96, and Oakridge

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Sewer Revenue	\$ 650,000	\$ 30,000	\$ 30,000	\$ 30,000		\$ 75,000
Total Sources of Funds	\$ 650,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ -	\$ 75,000
Uses						
Sewer Lift Station	\$ 650,000	\$ 30,000	\$ 30,000	\$ 30,000		\$ 75,000
Total Uses of Funds	\$ 650,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ -	\$ 75,000

Updates and improvements are planned in accordance with the City's comprehensive infrastructure replacement plan, which is reviewed and updated annually. Improvements include replacing transducers, floats, controls and pumps as necessary.

The existing gravity sanitary sewer main and associated manholes east of Bucher Avenue are structurally deficient and allow groundwater to infiltrate into the sewage system. The pipe and manholes are also more likely to fail, resulting in sewage backups and damage claims. It was determined that replacing the existing pipe and manholes with the lift station and force main was the best long-term solution.



Sewer Lift Stations

PWA 00003

Surface Water Collection/Treatment/Reuse

PWA 2

Includes improvements to the City's surface water collection and treatment system. The following improvements are planned:

- 2016 - pretreatment structure installed on a storm pipe that discharges directly in the east shore of Shoreview Lake, subject to potential redevelopment of the adjacent multi-unit dwellings
- 2017 - storm water reuse to irrigate Rice Creek fields with water from Rice Creek Parkway ponds
- 2020 - rehabilitate or replace portions of the City's surface water and collection system in various locations throughout the City

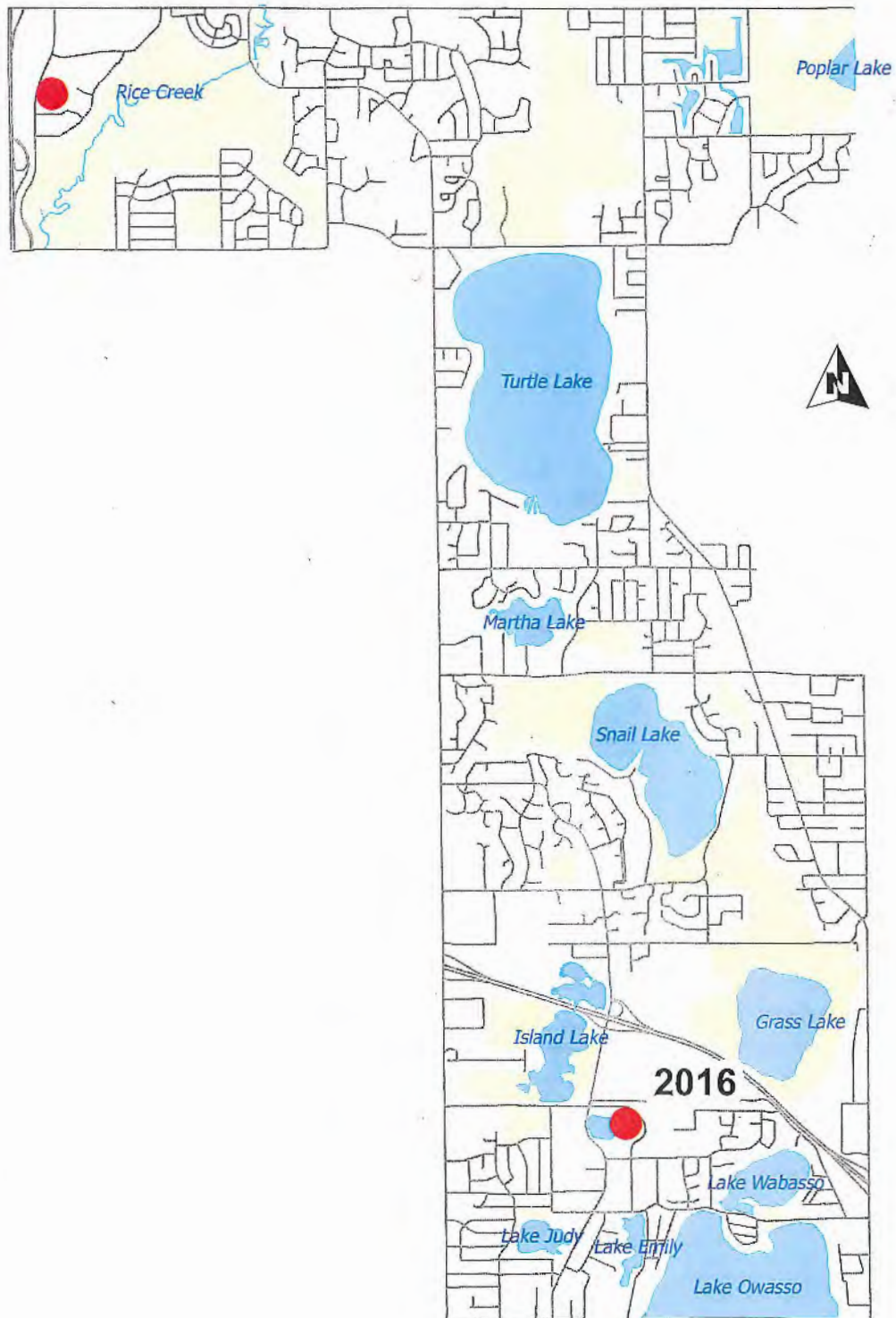
	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Debt-Surface Water Revenue	\$ 120,000	\$ 160,000			\$ 160,000	
Total Sources of Funds	\$ 120,000	\$ 160,000	\$ -	\$ -	\$ 160,000	\$ -
Uses						
Storm Sewer	\$ 120,000	\$ 160,000			\$ 160,000	
Total Uses of Funds	\$ 120,000	\$ 160,000	\$ -	\$ -	\$ 160,000	\$ -

Based on the City's Surface Water Management Plan, the projects have been identified to eliminate direct discharges and improve the quality of surface water runoff.

Recent trends for ground water conservation include the reuse of storm water for irrigation. Working in partnership with local watersheds, projects for reuse of storm water to irrigate City property have been identified.

Improvements, rehabilitation, cleaning and inspection of the City's surface water collection and treatment system are planned in accordance with the City's Comprehensive Infrastructure Replacement Plan, which is reviewed and updated annually.

2017



Residential Street Lights

PWA 7

Replacement of City-owned street lighting components each year. This work typically includes poles, luminaries, power sources, wiring, etc. in residential neighborhoods. Based on factors including age, material types, and reliability, the City will identify high priority areas and work with a lighting contractor on the selection and installation of the components.

Replacement allowances reflect conversion of City-owned street lights to more efficient LED fixtures and the gradual replacement and transfer of ownership from Xcel Energy lights to City-owned lights.

Allowances for street light replacements are as follows:

- 2016 - 21 lights
- 2017 - 32 lights
- 2018 - 32 lights
- 2019 - 32 lights
- 2020 - 32 lights
- 2021 - 32 lights

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Street Lighting Fund	\$ 150,000	\$ 235,000	\$ 241,220	\$ 247,230	\$ 253,410	\$ 259,740
Total Sources of Funds	\$ 150,000	\$ 235,000	\$ 241,220	\$ 247,230	\$ 253,410	\$ 259,740
Uses						
Street Lighting	\$ 150,000	\$ 235,000	\$ 241,220	\$ 247,230	\$ 253,410	\$ 259,740
Total Uses of Funds	\$ 150,000	\$ 235,000	\$ 241,220	\$ 247,230	\$ 253,410	\$ 259,740

To address the growing trend and costs associated with street lighting outages and repairs in residential neighborhoods. This project proposes to address street lighting needs on a neighborhood basis, as opposed to responding to customer complaints.

A substantial amount of residential development occurred in the 1970's and the 1980's, and the components typically used for street lighting in those neighborhoods are reaching the end of their useful life. For instance, hollow wood poles are subject to rotting and bird/insect damage, and direct-buried wiring (as opposed to wiring in conduit) causes increased lighting outages. The upgraded system (with metal or fiberglass poles, efficient luminaries and wiring) is expected to have lower operating costs, and a service life of at least 35 years.

Fire Equipment

ADM 2

An allowance for the replacement of fire vehicles and equipment is planned for Shoreviews share (at 62% of the total cost) of fire equipment, as estimated by the Lake Johanna Fire Department.

Truck replacements include:

- 2017 - \$486,700 fire truck and Chiefs vehicle
- 2018 - \$ 38,440 Fire Marshal vehicle
- 2019 - \$114,700 rescue vehicle
- 2020 - \$128,960 utility and Chiefs vehicle
- 2021 - \$ 62,000 Chiefs vehicle

Information systems estimates:

- 2016, 2018 - \$ 2,232 each year for computer replacement

Self-Contained Breathing Apparatus (SCBA) equipment includes:

- 2019 - \$ 2,790 hydro test of SCBA bottles

Rescue equipment includes:

- 2016 - \$ 9,300 technical rescue equipment
- 2016 - \$ 2,480 replace AEDs
- 2016 - \$15,345 helmets w/ integrated eye shields
- 2017 - \$ 3,720 replace K-12 saw
- 2018 - \$ 2,480 replace AEDs

Miscellaneous equipment includes:

- 2016, 2018 - \$ 41,540 each year to replace 1/3 of portable radios
- 2016 - \$ 1,860 replace K-12 saw
- 2016 - \$ 6,200 supply hose/nozzle replacement
- 2017 - \$ 4,960 tire replacement
- 2017 - \$ 2,356 mobile CAD

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 78,957	\$ 541,508	\$ 84,692	\$ 117,490	\$ 128,960	\$ 62,000
Total Sources of Funds	\$ 78,957	\$ 541,508	\$ 84,692	\$ 117,490	\$ 128,960	\$ 62,000
Uses						
Fire Vehicles/Equipment		\$ 486,700	\$ 38,440	\$ 114,700	\$ 128,960	\$ 62,000
Other Information Systems	2,232	2,232	2,232			
SCBA Equipment				2,790		
Equipment-Rescue	27,125	3,720	2,480			
Equipment-Miscellaneous	49,600	48,856	41,540			
Total Uses of Funds	\$ 78,957	\$ 541,508	\$ 84,692	\$ 117,490	\$ 128,960	\$ 62,000

Replacement of fire apparatus, rescue equipment and other equipment for the Fire Department is important to providing quality fire protection service to the community.

Warning Sirens

ADM 3

An allowance for the replacement/repair of warning sirens for each year is provided below.

- 2016 - \$20,990 Turtle Lake School siren
- 2017 - \$10,000 Shoreview's share of Rice & Country Drive siren
- 2017 - \$22,000 Lake Judy Park
- 2019 - \$11,000 Shoreview's share of Rice & Snail Lake Rd siren
- 2019 - \$22,000 Sherwood Road
- 2021 - \$22,000 Well #6

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
General Fixed Asset Fund	\$ 20,990	\$ 32,000		\$ 33,000		\$ 22,000
Total Sources of Funds	\$ 20,990	\$ 32,000	\$ -	\$ 33,000	\$ -	\$ 22,000
Uses						
Public Safety	\$ 20,990	\$ 32,000		\$ 33,000		\$ 22,000
Total Uses of Funds	\$ 20,990	\$ 32,000	\$ -	\$ 33,000	\$ -	\$ 22,000

Regular maintenance/replacement of sirens is necessary to maintain the effectiveness of the warning system.

Computer Systems

FINA 1

An allowance for periodic upgrades and replacements to the City's information systems (hardware and software) is planned to ensure the continued effectiveness of the network. The five-year information systems plan has expanded in recent years to address system-wide technology needs, in part due to the increased integration between systems. As such, the plan provides for personal computers, printers (member card, desktop, multi-function, high-speed, CAD plotter/scanner), file servers, miscellaneous hardware/systems (card access, security cameras, image scanners, card scanners, mobile devices, building monitors, phone system, wireless capability), network storage, LAN infrastructure, LAN software (backup protection, server virtualization, email, calendar, etc.), and periodic upgrades and enhancements to specialized software (accounting, recreation, CAD, GIS, office, permits, etc.).

Replacement of the City's accounting software is planned for the years 2016 and 2017 at an estimated cost of \$394,440.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Capital Acquisition (IT)	\$ 10,400	\$ 43,800	\$ 6,900	\$ 6,000	\$ 20,800	\$ 83,400
General Fixed Asset Fund	281,302	345,204	205,000	186,000	161,000	132,000
Water Fund	6,137	20,163		400		
Sewer Fund	6,137	20,163		400	400	400
Central Garage Fund	1,000	14,000				
Total Sources of Funds	\$ 304,976	\$ 443,330	\$ 211,900	\$ 192,800	\$ 182,200	\$ 215,800
Uses						
Computers	\$ 11,000	\$ 10,000	\$ 13,500	\$ 10,000	\$ 10,000	\$ 10,000
Printers	2,000	24,000	6,000	18,000	2,000	6,000
Servers	12,700	30,000	15,000	30,000		30,000
Security Systems	2,000	34,000	23,000	6,000	21,000	36,000
Recovery/Backup Systems	65,000			100,000		50,000
Communication Systems	31,495	2,400	27,000	2,000	2,400	12,000
LAN/Network	61,695	36,000	111,000	16,000	63,000	11,000
Imaging/Records Storage						50,000
Specialized Applications	116,086	298,730	12,000	5,000	67,000	5,000
Other Information Systems	3,000	8,200	4,400	5,800	16,800	5,800
Total Uses of Funds	\$ 304,976	\$ 443,330	\$ 211,900	\$ 192,800	\$ 182,200	\$ 215,800

The City's computer systems are used extensively by staff, and the range and amount of use is continuing to expand. Timely replacements are necessary to maintain the productivity of the network, to protect the various systems, to provide adequate redundancy in the event of an emergency, and to keep pace with technology. Personal computers are replaced every 4 to 6 years, depending on the level of use. Other hardware is replaced as necessary for the productivity of the applicable system.

Central Garage Equipment

PWA 18

Central Garage equipment is scheduled for replacement based on an evaluation of equipment condition, repair records, incidence of breakdowns, and changing operational needs. The cost of operation and replacement of all Central Garage equipment is recovered through annual rent charges (paid by funds and activities that use the equipment throughout the year). Maintaining an efficient and effective fleet of equipment is essential to consistent service delivery.

	2016 Estimate	2017 Planned	2018 Planned	2019 Planned	2020 Planned	2021 Planned
Resources						
Central Garage Fund	\$ 558,945	\$ 562,000	\$ 565,000	\$ 566,000	\$ 564,000	\$ 551,000
Total Sources of Funds	\$ 558,945	\$ 562,000	\$ 565,000	\$ 566,000	\$ 564,000	\$ 551,000
Uses						
Truck/s	\$ 220,000	\$ 327,000	\$ 286,000	\$ 173,000	\$ 290,000	\$ 265,000
Staff Vehicle/s			29,000		30,000	32,000
Tractor/Mower/Loader/Cart		70,000	45,000		55,000	140,000
Field & Grounds Maint Equip	40,271	68,000	53,000		25,000	
Chipper			60,000			
Street Repair Equipment				35,000		
Sweeper	31,674			220,000		
Sewer Inspecting Equipment	175,000				20,000	
Generator				45,000		
Bobcat (annual rotation)	42,000	42,000	42,000	43,000	44,000	44,000
Equipment-Central Garage	50,000	55,000	50,000	50,000	100,000	70,000
Total Uses of Funds	\$ 558,945	\$ 562,000	\$ 565,000	\$ 566,000	\$ 564,000	\$ 551,000

This project provides for an annual equipment rotation for the bobcat skid steer, currently used by public works maintenance personnel in conjunction with excavating projects, pond maintenance, street patching, snow removal and treeplanting/landscaping projects. The annual replacement (rotation) is cost effective because the annual cost to maintain the equipment (covering routine maintenance, tire repairs and replacements) continues to rise. The trade-in program for State and Local government agencies allows the City to trade in a piece of equipment that is 1-2 years old, and purchase a new piece of equipment using state purchasing contract pricing. The annual cost of repairs/replacements for the equipment is eliminated, and the City obtains a new bobcat skid steer for a net annual cost of approximately \$2,000. The City may elect to participate in the program each year, and is under no obligation to continue participation in the program in the future. This CIP project assumes using the annual rotation each year, and also assumes a net gain on the disposal of the equipment each year, because the trade-in value is high in the first 1-2 years.